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Montreal

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1953-1954

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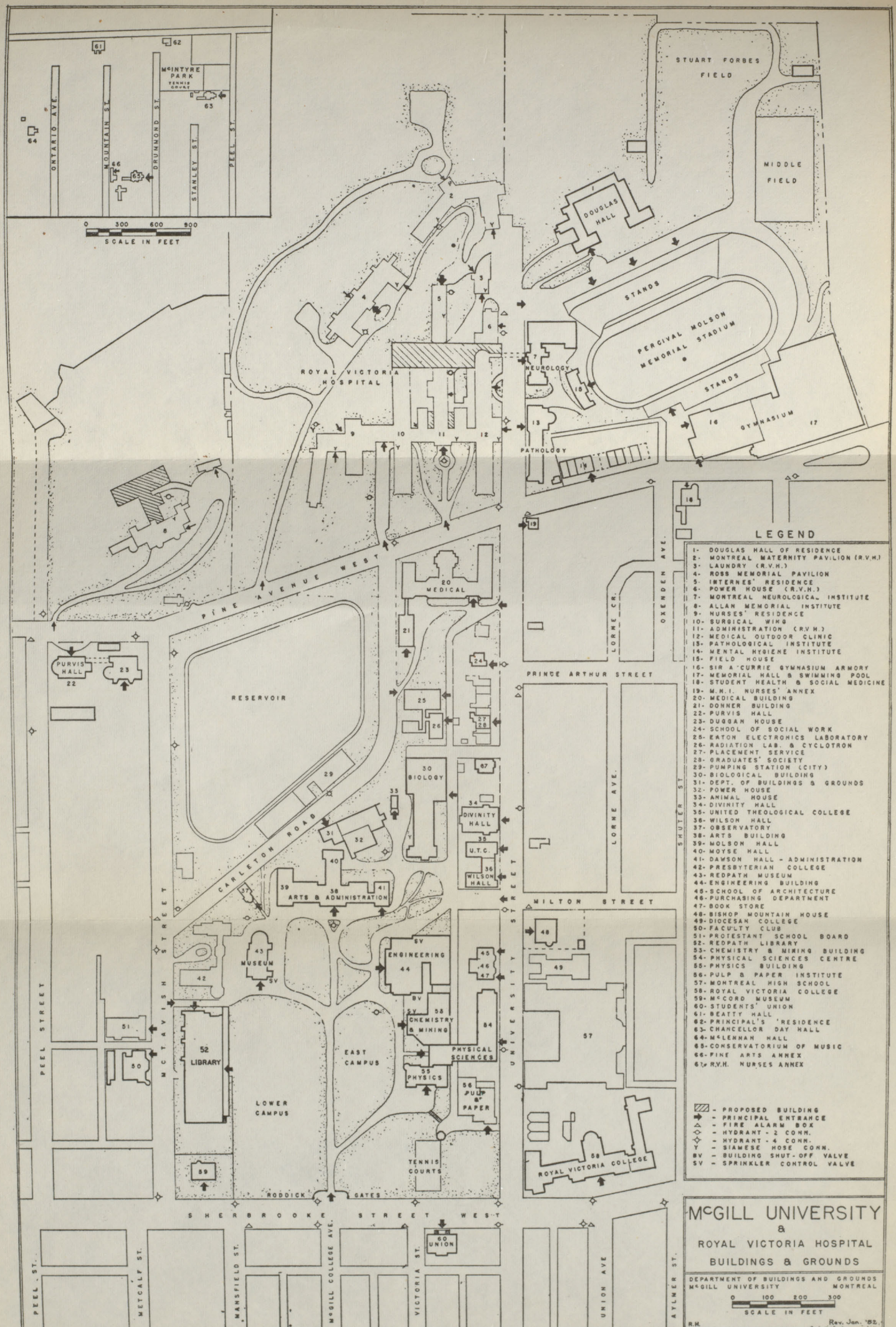

LEGEND

1- DOUGLAS HALL OF RESIDENCE
2- MONTREAL MATERNITY PAVILION (R.V.H.)
3- LAUNDRY (R.V.H.)
4- ROSS MEMORIAL PAVILION
5- INTERNES' RESIDENCE
6- POWER HOUSE (R.V.H.)
7- MONTREAL NEUROLOGICAL INSTITUTE
8- ALLAN MEMORIAL INSTITUTE
9- NURSES' RESIDENCE
10- SURGICAL WING
11- ADMINISTRATION (R.V.H.)
12- MEDICAL OUTDOOR CLINIC
13- PATHOLOGICAL INSTITUTE
14- MENTAL HYGIENE INSTITUTE
15- FIELD HOUSE
16- SIR A. CURRIE GYMNASIUM ARMORY
17- MEMORIAL HALL & SWIMMING POOL
18- STUDENT HEALTH & SOCIAL MEDICINE
19- M.H.I. NURSES' ANNEX
20- MEDICAL BUILDING
21- DONNER BUILDING
22- PURVIS HALL
23- DUGGAN HOUSE
24- SCHOOL OF SOCIAL WORK
25- EATON ELECTRONICS LABORATORY
26- RADIATION LAB. & CYCLOTRON
27- PLACEMENT SERVICE
28- GRADUATES' SOCIETY
29- PUMPING STATION (CITY)
30- BIOLOGICAL BUILDING
31- DEPT. OF BUILDINGS & GROUNDS
32- POWER HOUSE
33- ANIMAL HOUSE
34- DIVINITY HALL
35- UNITED THEOLOGICAL COLLEGE
36- WILSON HALL
37- OBSERVATORY
38- ARTS BUILDING
39- MOLSON HALL
40- MOYSE HALL
41- DAWSON HALL - ADMINISTRATION
42- PRESBYTERIAN COLLEGE
43- REDPATH MUSEUM
44- ENGINEERING BUILDING
45- SCHOOL OF ARCHITECTURE
46- PURCHASING DEPARTMENT
47- BOOK STORE
48- BISHOP MOUNTAIN HOUSE
49- DIOCESAN COLLEGE
50- FACULTY CLUB
51- PROTESTANT SCHOOL BOARD
52- REDPATH LIBRARY
53- CHEMISTRY & MINING BUILDING
54- PHYSICAL SCIENCES CENTRE
55- PHYSICS BUILDING
56- PULP & PAPER INSTITUTE
57- MONTREAL HIGH SCHOOL
58- ROYAL VICTORIA COLLEGE
59- McCORD MUSEUM
60- STUDENTS' UNION
61- BEATTY HALL
62- PRINCIPAL'S RESIDENCE
63- CHANCELLOR DAY HALL
64- McLENNAN HALL
65- CONSERVATORIUM OF MUSIC
66- FINE ARTS ANNEX
67- R.V.H. NURSES ANNEX

▨ - PROPOSED BUILDING
➡ - PRINCIPAL ENTRANCE
△ - FIRE ALARM BOX
◇ - HYDRANT - 2 CONN.
✧ - HYDRANT - 4 CONN.
Y - SIAMESE HOSE CONN.
BV - BUILDING SHUT-OFF VALVE
SV - SPRINKLER CONTROL VALVE

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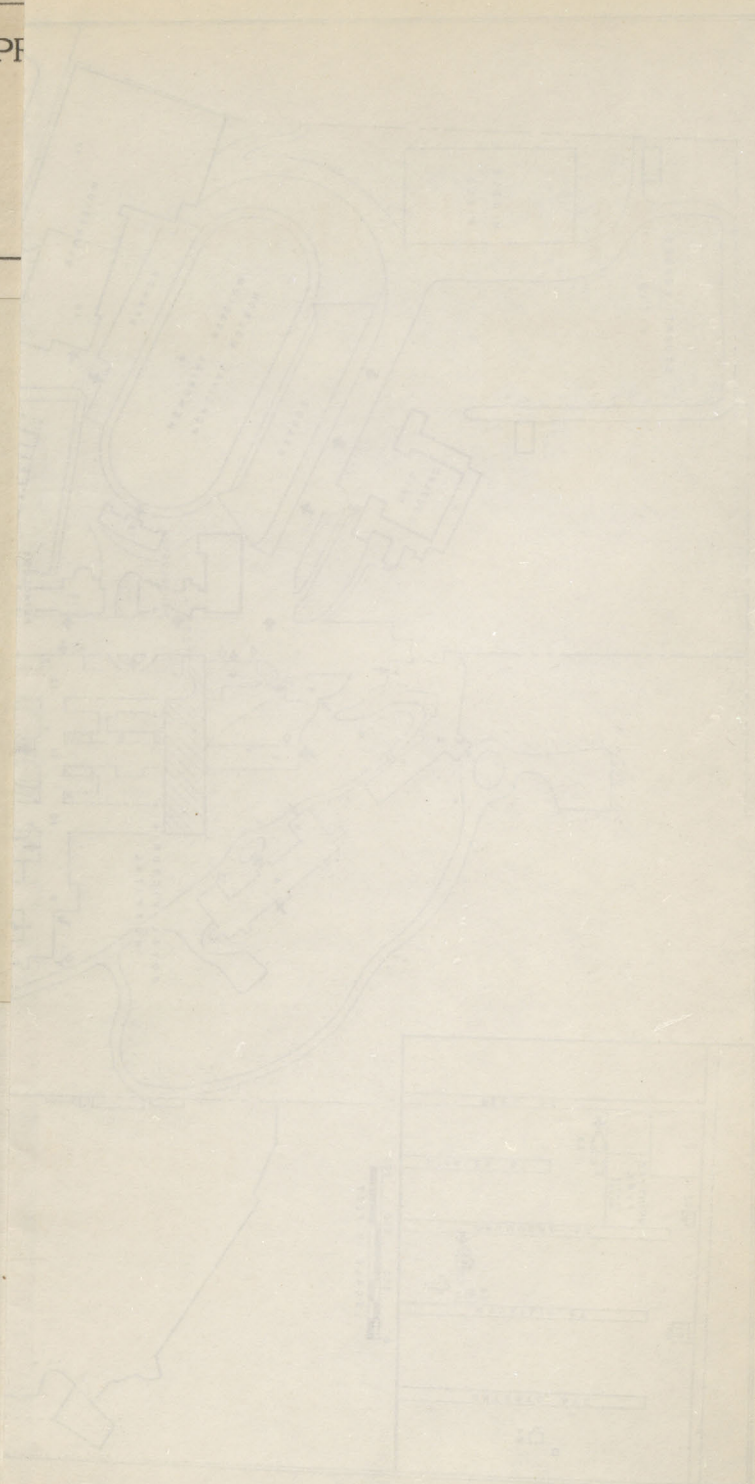

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TABLE OF CONTENTS

	Page
Directory of Staff	1
Administrative Officers of the University	3
Board of Governors	4
Senate	7
Graduates' Society	19
Emeritus Professors and Officers of Instruction	41
History and Government of the University	191
Incorporated and Affiliated Colleges	193
Institutes Affiliated with the University	194
University Library	196
University Museums	197
General Information about the University	301
Fees	302
Board and Residence	306
Health Service	310
Calendar of Dates	315
General Announcement	401
Alphabetical Index of Booklet	403
Brief Description of the University	409
Outline of Faculties and Schools	411
Application for Admission to all Faculties	418
School Certificate Examinations (1954)	501
Junior School Certificate Examinations	509
Senior School Certificate Examinations	532
Scholarships, Bursaries, Prizes, and Medals	601
Table of Contents of Booklet	603
Alphabetical Index of Awards	681

419296

PAGE

FACULTIES

Faculty of Agriculture 4528

Faculty of Arts and Science (McGill College) 1001
Alphabetical Index of Faculty Announcement 1003
Summer Schools 1030
Regulations Governing Attendance, Examinations, and Advancement 1171

Faculty of Dentistry 1901

Faculty of Divinity 2301

Faculty of Engineering (including the School of Architecture) 1401
Alphabetical Index of Faculty and School Announcement 1403

Faculty of Graduate Studies and Research 2601
Alphabetical Index of Faculty Announcement 2603

Faculty of Law 2001

Faculty of Medicine 1601
Alphabetical Index of Faculty Announcement 1603
Undergraduate Instruction 1611
Graduate Instruction 1652

Faculty of Music 2101
Alphabetical Index of Faculty Announcement 2103

SCHOOLS

School of Architecture 1409

School of Commerce 1201
Degree Course Programme 1205
Evening Courses 1235
Regulations Governing Attendance, Examinations, and Advancement 1171

French Summer School (1953) 4001

PAGE

School for Graduate Nurses 3201

School of Household Science 4593

Library School 3001

School of Physical Education 3101

School of Physical and Occupational Therapy 3401

School of Social Work 3301

School for Teachers 4610

Department of University Extension (Evening Courses) 3901

COLLEGES

Affiliated Colleges 198

Macdonald College 4501

- Alphabetical Index of College Announcement 4503
- Faculty of Agriculture 4528
- School of Household Science 4593
- School for Teachers 4610

McGill College (Faculty of Arts and Science) 1001

Royal Victoria College 307

Military Training 4701

Academic Dress 4707

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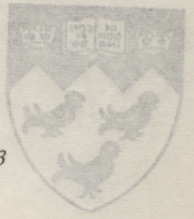

Date of issue: 4 November, 1953

NOTE REGARDING REVISIONS

The entries on pages 1 to 15 have been revised to 4 November, 1953.

Pages 41 to 100 are, for technical reasons, reprinted without change from the 1952-1953 Directory of Staff.

Directory of Staff

ADMINISTRATIVE OFFICERS

Session 1953-1954

THE UNIVERSITY

F. CYRIL JAMES, Chevalier de la Légion d'Honneur, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D. de l'U. (Montréal), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, the Punjab, Birmingham, New York, etc.), F.R.S.C. *Principal*

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G. Meredith Rountree, B.A. '31, M.A. '33, *President of the Montreal Branch*
Thelma Mitchell Graham (Mrs. Gavin T. P.), B.A. '32, *President of the Alumnae Society*
J. William Ritchie, B.Sc.(Agr.) '51
Anson C. McKim, B.Com. '24, B.A. '27, *Chairman of the Alma Mater Fund*

General Secretary — D. Lorne Gales, B.A. '32, B.C.L. '35
Alumnae Secretary — Elizabeth B. McNab, B.A. '41

EMERITUS PROFESSORS

Degrees received from McGill University carry no institutional designation and are placed after those received elsewhere.

ALFRED T. BAZIN, D.S.O., M.D., C.M., F.R.C.S. (C.)
Emeritus Professor of Surgery 1414 Drummond St.

W. GORDON M. BYERS, M.D., C.M., D.Sc.
Emeritus Professor of Ophthalmology Knowlton, Que.

CLARENCE VICTOR CHRISTIE, M.A. (Dalhousie), B.Sc.
Emeritus Professor of Electrical Engineering 87 Holton Ave., Westmount

CHARLES EDMUND FRYER, M.A., Ph.D. (Harvard), F.R.Hist.S.
Emeritus Professor of History
8452 Kirkwood Drive, Laurel Canyon, Los Angeles 46, California

RICHARD PERCIVAL DEVEREUX GRAHAM, B.A. (Oxon.), M.Sc., D.Sc., F.R.S.C.
Emeritus Professor of Mineralogy 775 Davaar Ave., Outremont

ARTHUR STANLEY LAMB, B.P.E. (Springfield), M.D., C.M.
Emeritus Professor of Physical Education
233 St. Anne Rd., Ste. Anne de Bellevue

JOHN ERNEST LATTIMER, B.S.A. (Tor.), M.Sc., Ph.D. (Wisconsin), F.R.E.S.
Emeritus Professor of Agricultural Economics
47 Thornhill Ave., Westmount

CHARLES MILLAR MCKERGOW, M.Sc.
Emeritus Professor of Mechanical Engineering
376 Redfern Ave., Westmount

CHARLES FERDINAND MARTIN, B.A., M.D., C.M. (McGill), D.C.L. (Bishop's), LL.D. (Queen's, Harvard, and McGill), M.A.C.P., F.R.C.P. (C.)
Emeritus Dean of the Faculty of Medicine and Emeritus Professor of Medicine 3504 Mountain St.

HORST OERTEL, M.D. (Yale)
Emeritus Professor of Pathology
c/o Bank of Montreal, 9 Waterloo Place, London, S.W.1, England

HARRY CRANE PERRIN, Mus.Doc. (Trinity College, Dublin)
Emeritus Dean of the Faculty of Music
"Hillstead", Streatham Drive, Exeter, England

JOHN FERGUSON SNELL, B.A. (Tor.), Ph.D. (Cornell), F.C.I.C.
Emeritus Professor of Chemistry 94 Central Ave., London, Ont.

ARNOLD WAINWRIGHT, Q.C., B.A., B.C.L.
Emeritus Professor of the Law of Evidence 1614 Seaforth Ave.

OFFICERS OF INSTRUCTION AND ADMINISTRATIVE STAFF

SESSION 1952-1953

Degrees received from McGill University carry no institutional designation and are placed after those received elsewhere. Where two addresses are given the first is the University address and the second is, in general, the home address. In the case of many part-time members of the staff who are in professional practice, however, the "home" addresses listed are, at their request, those of their offices.

JOHNSON WILLIAM ABRAHAM, M.M., D.D.S.
Lecturer in Dentistry — 4018 Royal Ave.

FREDERICK D. ACKMAN, M.D., C.M., F.R.C.S. (C.)
Demonstrator in Surgery — 1374 Sherbrooke St. W.

EDWARD ROBERT ADAIR, B.A. (Lond.), M.A. (Cantab.), F.R. Hist. S.
Professor of History — *Arts Building*, 3578 University St.

ARNOLD W. ADAMS, D.D.S.
Demonstrator in Dentistry — 620 Cathcart St.

LEYLAND JOHN ADAMS, M.D., C.M., F.R.C.P. (C.), F.A.C.P.
Assistant Professor of Medicine — 1374 Sherbrooke St. W.

COSIMO AJMONE-MARSAN, M.D. (Torino)
Lecturer in Neurology, Bronfman Fellow in Neurophysiology, and Associate Electroencephalographer — *Montreal Neurological Institute*, 2340 Cote St. Catherine Rd., Outremont

SAUL ALBERT, B.A., M.D., C.M.
Assistant Professor of Psychiatry — 945 Dunlop Ave., Outremont

BENJAMIN ALEXANDER, B.Sc., M.D., C.M., D.O.M.S. (England)
Assistant Professor of Ophthalmology — 1538 Sherbrooke St. W.

EUGEN ALTSCHUL, Dr. Polit. Econ. (Freiberg)
Visiting Professor of Economics — *Purvis Hall*, 1420 Pine Ave. W.

ERNEST R. AMBROSE, D.D.S.
Demonstrator in Dentistry — 3410 Benny Ave.

JOSEPH OAKES ANDERSON, B.Ed. in Phys. Ed. (Tulane)
Instructor in Athletics — *Currie Gymnasium*, 4250 Marcil Ave.

FRANCES JOAN ANDREW (MRS. J. D.), B.Sc.
Assistant in Home Economics and Dietitian in the School of Household Science — *Macdonald College*

JAMES P. ANGLIN, B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 957 Dunsmuir Rd.

ISTVÁN ANHALT
Instructor in Music — *Conservatorium of Music*, 4921 Clanranald Ave.

LOUIS J. ARCAND, B.Sc., M.Eng.
Associate Professor of Civil Engineering — *Engineering Building*, 660 de l'Epée Ave., Outremont

JOHN C. ARMOUR, M.D., C.M., M.Sc.
Associate Professor of Surgery — 1374 Sherbrooke St. W.

DAVID M. ARMSTRONG, M.B.A. (Harvard), B.A.
Lecturer in the School of Commerce — 15 Willow Ave.

G. DOUGLAS ARMSTRONG, D.D.S.
Lecturer in Dentistry — 4545 Sherbrooke St. W.

ROBERT A. ARMSTRONG, B.Sc. (Tor.)
Demonstrator in Physics — *Physics Building*, Apt. 72, 900 Sherbrooke St. W

MICHAEL ARONOVITCH, B.Sc., M.D., C.M., F.R.C.P. (C.), F.C.C.P.
Lecturer in Medicine — 4123 Sherbrooke St. W.

NORMAN ASHTON
Instructor in Athletics — *Currie Gymnasium*, Apt. 4, 6699 Cote St. Luc Rd.

CHARLES ASSELIN, B.A. (Tor.), D.D.S.
Demonstrator in Dentistry — 5064 Park Ave.

EFFIE CONSTANCE ASTBURY, B.A., B.L.S.
Lecturer in the Library School — *Redpath Library*, 303 Querbes Ave.

EDITH PAULINE ASTON, Dip. of Phys. and Occ. Ther.
Demonstrator in School of Physical and Occupational Therapy — *Beatty House*

HENRY READE CHARLES AVISON, M.A., F.A.M.A.
Associate Professor of English and Director of Adult Education — *Macdonald College*

HARRY LYON BACAL, M.B.E., B.A., M.D., C.M., F.A.A.P., F.A.A.A.
Lecturer in Paediatrics — 1414 Drummond St.

DONALD CHARLES BAIN, B.A.
Business Manager of the Montreal Neurological Institute — *Montreal Neurological Institute*, Apt. 5, 3540 Durocher St.

MARIAN ADAIR BAIN (MRS. D. C.), M.Sc. (Columbia), B.H.S.
Assistant Professor of Health and Social Medicine — *490 Pine Ave. W.*, Apt. 5, 3540 Durocher St.

PATRICK DOUGLAS BAIRD, M.A. (Cantab.)
Research Associate in Geography — *Bishop Mountain House*, Hudson, Que.

BRUCE EARLE BAKER, B.Sc. (Bishop's), D.Sc. (Laval)
Assistant Professor of Agricultural Chemistry — *Macdonald College*

MAXWELL C. BAKER, B.Eng., B.Arch.
Lecturer in the School of Architecture — Apt. 9, 296 Mona St., Ottawa

JAMES WATSON BALHARRIE
Sessional Lecturer in Architecture — *3484 University St.*, 55 Metcalfe St., Ottawa

C. Miller Ballem, M.D., C.M. (Dal.)
Demonstrator in Medicine 3448 Peel St.

Stanley Martin Banfill, B.A. (Bishop's), M.D., C.M.
Associate Professor of Anatomy *Medical Building*
87 Percival Ave., Montreal West

Edward Angus Banting, B.S.A. (Tor.)
Professor of Agricultural Engineering and Chairman of the Department *Macdonald College*

Charles Scott Barker, B.A., M.D., C.M., F.R.C.P. (C.), F.A.C.P.
Lecturer in Medicine *490 Pine Ave. W.*
1538 Sherbrooke St. W.

David Barza, B.A., M.D., C.M.
Demonstrator in Medicine 484 Cote St. Catherine Rd.

Walter Ravenhill Brown Battle, B.A. (Leeds)
Research Associate in Geography *Bishop Mountain House*
3470 Mountain St.

Louis Baudouin, Docteur en Droit, ès-Sciences Juridiques, et ès-Sciences Politiques (Paris)
Professor of Law *Chancellor Day Hall*
5550 Waverley St., Outremont

Hamilton A. Baxter, D.D.S., M.D., C.M., M.Sc.
Lecturer in Surgery 1538 Sherbrooke St. W.

Robert Gordon Baxter, M.D., C.M.
Demonstrator in Medicine 3448 Peel St.

Stewart G. Baxter, M.D., C.M., M.Sc., Ph.D.
Assistant Professor of Surgery 1538 Sherbrooke St. W.

Charles Calvert Bayley, M.A. (Manchester), Ph.D. (Chicago)
Associate Professor of History *Arts Building*
3566 University St.

A. Randolph Bazin, M.B., Ch.B. (Edin.), B.A.
Demonstrator in Surgery 1414 Drummond St.

Earl Francis Beach, B.A. (Queen's), A.M., Ph.D. (Harvard)
Bronfman Professor of Economics and Chairman of the Department *Purvis Hall*
508 Victoria Ave., Westmount

Horace Dougald Beach, B.A. (Oxon. and Sask.)
Demonstrator in Psychology *Donner Building*
2024 Mansfield St.

M. Gladys Bean, M.A. (Columbia), B.A., Dip. M.S.P.E.
Assistant Professor in the Department of Athletics, Physical Education, and Recreation *Royal Victoria College*
Apt. 5, 1466 Mansfield St.

Jacques Beaubien, B.Sc., M.D., C.M., Dip. Psychiat.
Lecturer in Psychiatry 900 Sherbrooke St. W.

R. Wilson Becket, B.A., B.C.L.
Lecturer in Law *Chancellor Day Hall*
133 Thornton Ave., Town of Mt. Royal

ANDREW BEELIK, M.S.A. (Tor.)
Demonstrator in Chemistry — *Chemistry Building*, 3654 Hutchison St.

ROBERT E. BELL, M.A. (U.B.C.), Ph.D.
Research Associate in Physics — *Radiation Laboratory*, Apt. 6, 3400 Ridgewood Ave.

BRUNO GEORG BENFEY, M.D. (Hamburg)
Lecturer in Pharmacology — *Biological Building*, 1501 Closse St.

BEN BENJAMIN, B.A., M.D., C.M., F.A.A.P.
Lecturer in Paediatrics — 4469 Sherbrooke St. W.

RICHARD CARLTON BENNETTS, A.B. (California), M.D., C.M.
Assistant Professor of Medicine — 4250 Sherbrooke St. W.

EDWARD HORTON BENSLEY, M.B.E., B.A., M.D. (Tor.), F.A.C.P.
Assistant Professor of Medicine — *Montreal General Hospital*

WILLIAM BENTLEY, C.G.A., F.C.I.S., R.I.A.
Bursar and Secretary of the Board of Governors — *Dawson Hall*, 4081 Dorchester St. W.

CONSTANCE ELIZABETH BERESFORD-HOWE, Ph.D. (Brown), M.A.
Assistant Professor of English — *Arts Building*, 4073 Hampton Ave.

NIYAZI BERKES, Licence-ès-Lettres (Istanbul), Docent (Ankara)
Visiting Associate Professor in the Institute of Islamic Studies — *3520 University St.*, 3601 University St.

NORMAN JOHN BERRILL, B.Sc. (Bristol), Ph.D., D.Sc. (Lond.), F.R.S.C., F.R.S.
Strathcona Professor of Zoology — *Biological Building*, 3521 University St.

DALBIR BINDRA, Ph.D. (Harvard)
Assistant Professor of Psychology — *Chancellor Day Hall*, 3491 Atwater Ave.

JOHN BRIAN BIRD, M.A. (Cantab.)
Assistant Professor of Geography — *Arts Building*, 5050 Roslyn Ave.

WILLIAM F. BLACK, B.Sc. (Man.)
Demonstrator in Zoology — *Biological Building*, 3519 Hutchison St.

PETER RAYMOND BLAHEY, B.A. (Sask.), M.D. (Tor.), M.R.C.O.G., F.R.C.S. (C.)
Demonstrator in Obstetrics and Gynaecology — 1374 Sherbrooke St. W.

JOHN BLAND, B.Arch., A.M.T.P.I. (Lond.), M.R.A.I.C., A.R.I.B.A.
Director of the School of Architecture and Professor of Architecture — *3484 University St.*, P.O. Box 454, Ste. Anne de Bellevue

VICTOR BLOCK, M.A. (on leave of absence)
Lecturer in German — Cornell University, Ithaca, N.Y.

HELMUT BLUME, Mus.B. (Acad. Music, Berlin)
Instructor in Pianoforte — *Conservatorium of Music*, 2340 Cote St. Catherine Rd.

JACOB HAROLD BLUMENSTEIN, M.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 4815 Queen Mary Rd.

THOMAS J. BOAG, M.B., Ch.B. (Liverpool)
Demonstrator in Psychiatry — *Allan Memorial Institute*, Apt. 14, 3345 Barclay Ave.

E. ROGER BOOTHROYD, B.Sc. (Bishop's), M.Sc., Ph.D.
Assistant Professor of Genetics — *Biological Building*, 4226 Royal Ave., N.D.G.

CARLO GIOVANNI BOS, B.A., M.D., C.M.
Lecturer in Psychiatry and Demonstrator in the School of Physical and Occupational Therapy — *Allan Memorial Institute*, 4544 Wilson Ave., N.D.G.

JEAN BOUCHARD, M.D. (Laval), D.M.R.E. (Cantab.)
Associate Professor of Radiology — *Royal Victoria Hospital*

F. MUNROE BOURNE, B.A. (Oxon.), B.A., M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine — 1414 Drummond St.

HILARY B. BOURNE, M.D., C.M.
Demonstrator in Obstetrics and Gynaecology — *Royal Victoria Hospital*

REGINALD ALAN BOURNE, B.A., M.D., C.M.
Demonstrator in Ophthalmology — 1414 Drummond St.

PHYLLIS BOWERS, B.A. (Queen's)
Assistant Professor in the School for Teachers — *Macdonald College*

H. ANGUS BOWES, M.B., B.S., M.D. (Durham)
Demonstrator in Psychiatry — Ste. Anne's Hospital, Ste. Anne de Bellevue

JOHN WALLACE BOYES, M.Sc. (Sask.), Ph.D. (Wisconsin)
Associate Professor of Genetics and Chairman of the Department — *Biological Building*, 484 Strathcona Ave., Westmount

W. HOWARD BOYLES, D.D.S.
Demonstrator in Dentistry — 1538 Sherbrooke St. W.

JOACHIM OSCAR WOLFGANG BRABANDER, M.D., C.M.
Lecturer in Medicine — 1390 Sherbrooke St. W.

FRITZ BRANDTNER
Special Lecturer in the School of Social Work — *3600 University St.*, 5545 Cote St. Luc Rd.

ROBERT IRWIN BRAWN, B.S. (Penn. State)
Assistant Professor of Agronomy — *Macdonald College*

MICHAEL BRECHER, Ph.D. (Yale), B.A.
Lecturer in Economics — *Purvis Hall*, 5590 Victoria Ave.

SYDNEY WILSON BRECKON, B.Sc. (Queen's), Ph.D.
Research Associate in Physics — *Radiation Laboratory*, 6630 - 16th Ave., Rosemount

WALTER BREMNER, M.D. (Tor.)
Demonstrator in Psychiatry — *Allan Memorial Institute*, 6530 Monkland Ave.

PETER C. BRIANT, B.Com.
Lecturer in the School of Commerce and Assistant in Economics — *Arts Building*, Macdonald College

HENRY CARL CRAIG BRIERCLIFFE, M.S. (M.I.T.), B.Eng.
Lecturer in Mechanical Engineering — *Engineering Building*

JAMES G. BRIERLEY, M.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 22 Thornhill Ave., Westmount

NORMAN RAY BRINING, B.Com. (Tor.), C.A.
Demonstrator in the School of Commerce — *Arts Building*, 121 O'Brien Blvd.

WILLIAM HAROLD BRITTAIN, M.S. in Agr., Ph.D. (Cornell), D.Sc. (U.B.C.), B.S.A., F.R.S.C., F.A.I.
Vice-Principal of Macdonald College, Dean of the Faculty of Agriculture, Professor of Entomology, and Chairman of the Department — *Macdonald College*

WILLIAM E. BRONSTETTER, B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 778 Hartland Ave., Outremont

VERNON B. BROOKS, B.A. (Tor.), M.Sc. (Chicago)
Lecturer in Physiology — *Biological Building*, Rosenfeld Farm, Chateauguay Village

ALEXANDER BROTT, L.Mus.
Assistant Professor of Music — *Conservatorium of Music*, 5459 Earnscliffe Ave.

GEORGE RAYMOND BROW, M.D., C.M., F.R.C.P. (C.), F.A.C.P.
Professor of Medicine — 1390 Sherbrooke St. W.

KATHLEEN HELEN BROWN, B.Sc. (H.Ec.)
Lecturer in the School of Household Science — *Macdonald College*

NORMAN BROWN, B.A., M.D., C.M.
Lecturer in Radiology and in Dentistry — 4230 Kensington Ave., N.D.G.

JOHN S. L. BROWNE, B.A., B.Sc. (Med.), M.D., C.M., Ph.D., F.A.C.P. F.R.C.P.(C.), F.R.S.C.
Professor of Medicine, Chairman of the Department, and Director of the Royal Victoria Hospital University Clinic — *Royal Victoria Hospital*

WILLIAM BRUCE, M.A.Sc. (Tor.), P.Eng., Mem. A.S.M.E.
Associate Professor of Mechanical Engineering — *Engineering Building*, 10445 St. Hubert St.

LAUDER BRUNTON, M.D., C.M.
Demonstrator in Medicine — 1390 Sherbrooke St. W.

WALTER FREDERIC BUCHERER, M.E. (Dresden), C.E. (Karlsruhe)
Sessional Lecturer in Mechanical Engineering *Engineering Building*
Apt. 103, 1850 Lincoln Ave.

ARNOLD STANLEY VINCENT BURGEN, M.B., B.S., M.R.C.P. (Lond.) (on leave of absence)
Professor of Physiology *Biological Building*
Apt. 7, 3850 Cote St. Catherine Rd.

HUGH EDMUND BURKE, M.D., C.M., M.Sc., Ph.D.
Assistant Professor of Medicine and Lecturer in Health and Social Medicine
Royal Edward Laurentian Hospital

B. DELISLE BURNS, B.A. (Cantab.), M.R.C.S. (Eng.), L.R.C.P. (Lond.)
Associate Professor of Physiology *Biological Building*
Rosenfeld Farm, RR2A, Chateauguay

FRANK L. BURNS, B.A. (Loyola), D.D.S.
Lecturer in Dentistry
1414 Drummond St.

MARTIN DUDLEY BURROW, M.Sc.
Lecturer in Mathematics *Engineering Building*
5735 Cote des Neiges Rd.

ELEANOR E. BURWELL, Dip. Occ. Ther. (Tor.)
Lecturer in the School of Physical and Occupational Therapy *Beatty Hall*
634 Prince Arthur St. W.

WINSTON C. BUSHELL, D.D.S.
Professor of Prosthetic Dentistry
1538 Sherbrooke St. W.

ALBERT ALEXANDER BUTLER, M.D., C.M.
Demonstrator in Surgery
1538 Sherbrooke St. W.

PAUL LEO BUTZER, B.Sc. (Loyola), Ph.D. (Tor.)
Lecturer in Mathematics *Engineering Building*
4314 Rosedale Ave.

DONALD N. BYERS, LL.L. (Montréal), B.A.
Lecturer in Law *Chancellor Day Hall*
618 Belmont Ave., Westmount

KENNETH FREDERICK BYRD, B.Sc., M.A. (Lond.), A.C.A. (England and Wales), C.A. (S.A.)
Professor of Accountancy *Purvis Hall*
4779 Meridian Ave.

GEORGE BRADFORD CAIRD, B.A. (Cantab.), M.A., D.Phil. (Oxon.)
Professor of New Testament Language and Literature *Divinity Hall*
63 Strathearn Ave., Montreal West

KEITH BRENDON CALLARD, B.Sc. (Lond.)
Assistant Professor of Economics *Purvis Hall*
632 Grosvenor Ave., Westmount

ERIC OTTLEBEN CALLEN, B.Sc., Ph.D. (Edin.), F.L.S.
Assistant Professor of Plant Pathology *Macdonald College*

ARCHIBALD F. CAMERON, D.D.S.
Lecturer in Dentistry
1414 Drummond St.

D. Ewen Cameron, M.D. (Glasgow), D.P.M. (Lond.), F.R.C.P. (C.)
Professor of Psychiatry, Chairman of the Department, and Director of the Allan Memorial Institute of Psychiatry — *Allan Memorial Institute*

Douglas George Cameron, M.C., B.Sc. (Oxon. and Sask.), M.D., C.M. M.R.C.P. (Lond.)
Assistant Professor of Medicine — *Montreal General Hospital*

Thomas Wright Moir Cameron, T.D., B.Sc., Ph.D. (Lond.), M.A., D.Sc. (Edin.), M.R.C.V.S. (Lond.), F.R.S.C.
Professor of Parasitology, Chairman of the Department, and Director of the Institute of Parasitology — *Macdonald College*

Virginia Cameron, B.A.
Assistant Registrar — *Dawson Hall*, Apt. 7, 2082 Sherbrooke St. W.

W. Boyd Campbell, B.Sc., Ph.D., F.R.S.C., F.C.I.C.
Honorary Lecturer in Chemistry (Post-retirement) — *Chemistry Building*, 4217 Kensington Ave.

Hyman Caplan, M.D., C.M.
Demonstrator in Psychiatry — *Children's Memorial Hospital*, Apt. 5, 4720 Ridgevale Ave.

David William Carr, B.A., B.S.A. (Sask.), M.Sc. (Wisconsin)
Lecturer in Agricultural Economics — *Macdonald College*

Lovell C. Carroll, Q.C., LL.L. (Montréal), M.A.
Lecturer in Law — *Chancellor Day Hall*, 541 Kindersley Ave., Town of Mt. Royal

Clive Harcourt Carruthers, B.A. (Oxon.), M.A. (Tor.), Ph.D.(Chicago)
Professor of Classical Philology and Chairman of the Department — *Arts Building*, 148 Wolseley Ave., Montreal West

Lloyd Albert Caswell, M.D., C.M. (Queen's)
Demonstrator in Medicine — 1610 Pine Ave. W.

Elmer Howard Cayford, B.A., M.D., C.M.
Demonstrator in Surgery — 1538 Sherbrooke St. W.

Hon. Mr. Justice George Swan Challies, M.A., M.C.L.
Lecturer in Law — Judges' Chambers, Old Court House

John McLean Chamard, D.D.S.
Demonstrator in Dentistry — 1374 Sherbrooke St. W.

John Charles Cherna, Dip. Ing. (Techn. Hoch., Zurich)
Sessional Lecturer in Mechanical Engineering — *Engineering Building*, 506 Prince Albert Ave., Westmount

Llewellyn Parker Chesney, M.D., C.M.
Demonstrator in Medicine — 1414 Drummond St.

Robert Avery Chipman, B.Sc. (Man.), Ph.D. (Cantab.), M.Eng., P.Eng.
Associate Professor of Electrical Engineering — *Engineering Building*, 3457 Northcliffe Ave.

LAURENT PAUL-EMILE CHOQUETTE, D.M.V. (Montréal), M.Sc.
Lecturer in Parasitology — *Macdonald College*

FLORENCE McC. CHRISTIE, B.A. (U.N.B.), M.A. (Chicago)
Assistant Professor in the School of Social Work — *3600 University St.*
1545 Graham Blvd., Town of Mount Royal

BARBARA CLARK, B.Sc.(H.Ec.)
Demonstrator in Nutrition — *Macdonald College*

THOMAS HENRY CLARK, A.M., Ph.D. (Harvard), F.R.S.C., F.G.S.A.
Logan Professor of Palaeontology, and Chairman of the Department of Geological Sciences — *Physical Sciences Centre*
353 Chester Ave., Town of Mount Royal

DOUGLAS CLARKE, M.A., Mus.B. (Cantab.), F.R.C.M., F.R.C.O.
Dean of the Faculty of Music, Professor of Music, and Director of the Conservatorium of Music — *Conservatorium of Music*

GORDON B. CLARKE
Demonstrator in Commerce — *Arts Building*
5265 Connaught Ave., Montreal West

BLANCHE P. CLAYTON, M.A. (U.B.C.)
Teaching Fellow in Zoology — *Biological Building*
Apt. 10, 495 Prince Arthur St. W.

JAMES DONALD CLEGHORN, E.D.
Curator of Zoology — *Redpath Museum*
4866 Cote des Neiges Rd.

ROBERT ALLEN CLEGHORN, M.D. (Tor.), D.Sc. (Aberdeen)
Associate Professor of Psychiatry and Lecturer in Medicine — *Allan Memorial Institute*
3160 St. Sulpice Rd.

YVES CLERMONT, B.Sc. (Montréal)
Teaching Fellow in Anatomy — *Medical Building*
158 Montenach Ave., Longueuil

EDWARD THORBURN CLEVELAND, D.D.S.
Lecturer in Dentistry — 1414 Drummond St.

DONALD FRANCIS COATES, B.A. (Oxon.), B.Eng.
Lecturer in Civil Engineering — *Engineering Building*
Apt. 200, 3490 McTavish St.

JOSEPH COHEN, Q.C., B.C.L.
Lecturer in Law — *Chancellor Day Hall*
5003 Grosvenor Ave.

MAXWELL COHEN, B.A., LL.B. (Man.), LL.M. (Northwestern)
Professor of Law — *Chancellor Day Hall*
Apt. 5, 3015 Sherbrooke St. W.

WILLIAM COHEN, B.A., M.D., C.M.
Demonstrator in Medicine — 1414 Drummond St.

ALBERT JOSEPH COLLE, D.D.S.
Demonstrator in Dentistry — 1396 St. Catherine St. W.

ROBERT HADDON COMMON, B.Sc., M.Agr. (Belfast), D.Sc. (Lond.)
Professor of Agricultural Chemistry and Chairman of the Department — *Macdonald College*

WILLIAM VERNON CONE, B.Sc., M.D. (Iowa), F.R.C.S. (C.), F.R.S.C.
Professor of Neurosurgery — *Montreal Neurological Institute*

JAMES B. CONROY, M.D., C.M.
Demonstrator in Ophthalmology — 4769 Sherbrooke St. W.

DONALD COOK
Demonstrator in Commerce — *Arts Building*, 5554 Snowdon Ave.

ETHEL B. COOKE, R.N.
Lecturer in Health and Social Medicine — *490 Pine Ave. W.*, 2330 Lincoln Ave.

JOHN DOUGLAS COOKE, B.Sc. (P.Ed.)
Instructor in Chemistry — *Macdonald College*, 600 - 45th Ave., Lachine

JAMES HAROLD COOPER, B.Sc. (Agr.), Mem. A.S.A.E., M.A.I.C.
Associate Professor of Agricultural Engineering — *Macdonald College*

JOHN COBB COOPER, A.B. (Princeton), LL.M.
Professor of Law and Director of the Institute of International Air Law — *Chancellor Day Hall*

JOHN IRWIN COOPER, M.A. (Western Ont.), Ph.D.
Associate Professor of History — *Arts Building*, 128 Prince Edward Ave., Valois

GORDON ALLAN COPPING, M.D., C.M., M.R.C.P. (Lond.), F.R.C.P. (C.)
Assistant Professor of Medicine — 4485 Sherbrooke St. W.

VIOLET L. COUGHLIN (MRS.), B.Sc., B.L.S.
Lecturer in the Library School — *Redpath Library*, 3800 Wilson Ave.

JOHN GRAHAM COULSON, M.Sc. (Queen's), D.Sc. (Laval)
Professor of Plant Pathology and Chairman of the Department — *Macdonald College*

ERIC M. COUNSELL, M.B.E., B.A. (Oxon.)
Associate Professor of Classics — *Arts Building*

W. MASON COUPER, B.Sc., M.D., C.M., F.R.C.S. (Edin. and C.)
Lecturer in Surgery and in Dentistry — 1538 Sherbrooke St. W.

PETER VICTOR COVO, B.Eng.
Sessional Lecturer in Mechanical Engineering — *Engineering Building*, Apt. 4, 1395 Decarie Blvd., Ville St. Laurent

THOMAS ARCHIBALD COWAN, M.D., C.M.
Demonstrator in Paediatrics — c/o Dr. Alan Ross, 1414 Drummond St.

LETICIA COX (MRS. J. R. G.), B.A.
Assistant to the Warden of the Royal Victoria College — *Royal Victoria College*, Apt. 30, 3241 Forest Hill Ave.

PHOEBE COX, A.B. (Mount Holyoke), M.D., C.M.
Lecturer in Anatomy — *Medical Building*, 3430 McTavish St.

CARLETON CRAIG, B.A., M.Eng., P.Eng., M.E.I.C.
Professor of Civil Engineering and Secretary of the Faculty of Engineering — *Engineering Building*, 344 Metcalfe Ave., Westmount

GIBSON EDWARD CRAIG, B.Com., M.D., C.M., D.T.M.
Lecturer in Medicine
1390 Sherbrooke St. W.

FERN CRAMER, B.A. (Queen's), M.A. (Cornell)
Demonstrator in Psychiatry
1025 Pine Ave. W.

HARRY ISAAC CRAMER, B.Sc., M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine
1462 Bishop St.

EARL WILCOX CRAMPTON, B.S. (Connecticut), M.S. (Iowa), Ph.D. (Cornell), F.C.I.C., F.R.S.C.
Professor of Nutrition and Chairman of the Department *Macdonald College*

JOHN EDWIN CRANKSHAW, Q.C., B.C.L.
Lecturer in Law
Chancellor Day Hall
11 Brock Ave. S., Montreal West

ARTHUR HARRY CRAVEN, B.D.S. (New Zealand), D.D.S. (Northwestern)
Lecturer in Dentistry
1621 Lincoln Ave.

SAMUEL CRIPPS, B.Sc., D.D.S.
Lecturer in Dentistry
1538 Sherbrooke St. W.

WILLIAM HARVEY CRUICKSHANK, M.D., D.P.H., D.Psych. (Tor.)
Lecturer in Health and Social Medicine
490 Pine Ave. W.
1050 Beaver Hall Hill

EVERETT FRANCIS CRUTCHLOW, O.B.E., B.A., M.D., C.M.
Lecturer in Radiology and Consulting Physician to the Athletics Board
Montreal General Hospital
74 Easton Ave., Montreal West

BASIL CUDDIHY, B.A. (Laval), M.D., C.M., F.C.C.P.
Demonstrator in Medicine
5591 Cote des Neiges Rd.

WILLIAM G. CULLEN, B.A., M.D. (Tor.)
Lecturer in Anaesthesia
Queen Elizabeth Hospital

JOHN CULLITON, B.A. (Sask.), M.A.
Associate Professor of Economics
Arts Building

RONALD KENNETH CUMMING, M.D., C.M.
Demonstrator in Anaesthesia
Children's Memorial Hospital
1150 Manning Ave., Verdun

ALEXANDER B. CURRIE, B.Com. (Queen's), M.A., M.Educ. (Alta.), Ph.D. (Lond.)
Associate Professor of Education
Arts Building
475 Prince Albert Ave., Westmount

CECIL CURRIE, Ph.D. (Harvard), M.A.
Associate Professor of Philosophy
Arts Building
284 Lockhart Ave., Town of Mount Royal

DAVID CYNBERG, M.D., C.M.
Hosmer Teaching Fellow in Medicine
Royal Victoria Hospital
Apt. 2, 5351 Victoria Ave.

RICHARD EARL DAGG, D.D.S.
Assistant Professor of Dentistry
1414 Drummond St.

DOUGLAS GEORGE DALE, D.V.M. (Tor.)
Assistant Professor of Animal Pathology — *Macdonald College*

JOHN HARKNESS DALES, M.A. (Harvard and Tor.)
Assistant Professor of Economics — *Purvis Hall*
155 Monette Ave., Ville La Salle

TRAVIS E. DANCEY, M.D., C.M.
Assistant Professor of Psychiatry — 1538 Sherbrooke St. W.

ANTONIO D'ANDREA, Ph.D. (Pisa)
Visiting Professor of Italian Language and Literature — *Arts Building*
Apt. 14, 2475 Maplewood Ave.

JOHN DAVID, L.S.A. (Montréal), Ph.D. (California)
Assistant Professor of Horticulture — *Macdonald College*

MARGARET E. DAVIDSON, M.Sc.
Demonstrator-Curator in Zoology — *Biological Building*
16 Anwoth Rd.

JOHN ISLWYN DAVIES, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.A. (R.C.S., Eng.)
Demonstrator in Anaesthesia — *Montreal Neurological Institute*

VICTOR DAVIES, B.Com.
Demonstrator in the School of Commerce — *Arts Building*
57 Wolseley Ave., Montreal West

HOWARD LEROY DAWSON, B.A., M.D., C.M.
Assistant Professor of Surgery — 1538 Sherbrooke St. W.

REGINALD J. P. DAWSON, C.A.
Lecturer in Accounting — 950 Dunsmuir Rd.

MARIUS LOUIS DE ANGELIS, B.Sc.(Lond.), M.Eng., A.C.G.I., P.Eng.
Lecturer in Physics (Post-retirement) — *Physics Building*
4059 Oxford Ave., N.D.G.

VIANNEY DECARIE, Diplôme de l'École des Hautes Études (Paris), Ph.D. (Montréal)
Assistant in Philosophy — *Arts Building*
751 Champagneur Ave.

ROBERT GRAY DEFRIES, Ing. E.T.P. (Paris)
Superintendent of Buildings and Grounds — *3551 Carleton Rd.*
3535 Carleton Rd.

WALTER ANTHONY SCOTT DELONG, B.S.A. (Tor.), Ph.D. (Minnesota), M.Sc., F.C.I.C., F.A.I.C.
Associate Professor of Agricultural Chemistry — *Macdonald College*

ORVILLE FREDERICK DENSTEDT, B.Sc. (Man.), Ph.D., F.C.I.C.
Associate Professor of Biochemistry — *Biological Building*
4167 Grand Boulevard

RONALD LYMAN DENTON, B.Sc., M.D., C.M.
Assistant Professor of Paediatrics — *Children's Memorial Hospital*

JOSEPH L. DE STEIN, B.Eng. (Sask.), M.Eng.
Associate Professor of Civil Engineering — *Engineering Building*
865 - 48th Ave., Lachine

HELEN LOUISE DEVEREAUX, M.A. (Tor.)
Assistant Professor in the School of Household Science — *Macdonald College*

JOAN ANDERSON DE VRIES (MRS. J.), B.A. (Dal.), M.D., C.M.
Lecturer in Bacteriology and Immunology — *Pathological Institute*
234 Ballantyne Ave. N., Montreal West

LOUIS D'HAUTESERVE, B. ès L. et Ph., Licencié en Droit (Paris), M.A.
Assistant Professor of Romance Languages — *Arts Building*

JAMES C. DICKISON, M.D., C.M., F.R.C.S. (C.)
Lecturer in Surgery — 1414 Drummond St.

JOHN J. DINAN, B.A. (Bishop's), M.D., C.M.
Demonstrator in Surgery — 1374 Sherbrooke St. W.

SIDNEY HOPE DOBELL, D.S.O., C.A.
Comptroller, Executive Assistant to the Principal, and Director of Dawson Hall — *Dawson Hall*
536 Mount Pleasant Ave.

JAMES ROBERT DODDS, B.Sc. (U.N.B.), M.D., C.M.
Demonstrator in Obstetrics and Gynaecology — *Royal Victoria Hospital*

HAROLD SYLVESTER DOLAN, B.A., M.D., C.M. (Dal.), F.A.C.S.
Assistant Professor of Surgery — 1509 Sherbrooke St. W.

MAURICE LEE DONIGAN, D.D.S., F.I.C.D.
Assistant Professor of Dentistry — 1414 Drummond St.

GRACE DONNELLY, B.A., M.D., C.M.
Demonstrator in Obstetrics and Gynaecology — *Royal Victoria Hospital*

EUGENE SQUIRES DORION, B.A. (Ottawa), D.D.S.
Lecturer in Dentistry — 1538 Sherbrooke St. W.

HERBERT DÖRKEN, Ph.D. (Montréal)
Lecturer in Psychology — *Verdun Protestant Hospital*

SYDNEY I. DOUBILET, M.D., C.M., F.A.A.P.
Demonstrator in Paediatrics — 1538 Sherbrooke St. W.

FRANCIS A. C. DOXSEE, B.A. (Oxon. and Tor.)
Honorary Lecturer in Religious Instruction — *Macdonald College*

MARGARET H. DUBREUIL, M.A. (Aberdeen)
Sessional Lecturer in English — *Macdonald College*

MARVIN DUCHOW, B.A. (N.Y.U.), M.A. (Rochester), Mus.B.
Assistant Professor of Music — *Conservatorium of Music*
316 Willowdale Ave.

LOUIS DUDEK, M.A. (Columbia), B.A.
Lecturer in English — *Arts Building*
1202 Foch Ave.

G. Lyman Duff, M.A., M.D., Ph.D. (Tor.), F.R.S.C.
Dean of the Faculty of Medicine, Strathcona Professor of Pathology, Chairman of the Department, Director of the Pathological Institute, and Building Director of the Medical and Donner Buildings and the Pathological Institute
Medical Building
730 Upper Roslyn Ave.

Georges Dufresne, Ph.D. (Montréal)
Lecturer in Psychology — *Queen Mary Veterans Hospital*

John Scott Dunbar, M.D. (Tor.)
Demonstrator in Radiology — *Children's Memorial Hospital*

Maxwell John Dunbar, M.A. (Oxon.), Ph.D., F.R.G.S., F.A.G.S. (on leave of absence)
Associate Professor of Zoology
Plankton Laboratory, Charlottenlund Slot, Charlottenlund, Denmark

Hugh Alexander G. Duncan, M.D., C.M.
Demonstrator in Ophthalmology — 1390 Sherbrooke St. W.

Ruth Marlowe Duncan, B.A. (Man.), B.Sc. (P.Ed.)
Instructor in Athletics — *Royal Victoria College*

C. Howard Dundass, B.Sc. (Sir Geo. Williams), D.D.S.
Demonstrator in Dentistry — 4545 Sherbrooke St. W.

George M. Dundass, D.D.S.
Demonstrator in Dentistry — 4545 Sherbrooke St. W.

Roberta Dundass, M.Dent. (Michigan), D.D.S.
Demonstrator in Dentistry — 4545 Sherbrooke St. W.

E. Melville DuPorte, B.S.A., M.Sc., Ph.D.
Associate Professor of Entomology — *Macdonald College*

George Ian Duthie, Ph.D., D.Litt. (Edin.)
Molson Professor of English and Chairman of the Department of English
Arts Building
Apt. 19, 570 Milton St.

Simon Dworkin, D.D.S., M.D., C.M., M.Sc.
Assistant Professor of Physiology — *Biological Building*
1117 St. Catherine St. W.

William W. Eakin, M.D., C.M., F.R.C.P.(C.)
Demonstrator in Medicine — 1538 Sherbrooke St. W.

Alfred Robert Edis, B.Sc. (Lond.), B.Eng.
Associate Professor of Mechanical Engineering — *Engineering Building*
87 Algonquin St., Deep River, Ont.

Ralph S. Edmison, B.Com. (Queen's), D.D.S.
Lecturer in Dentistry — 1390 Sherbrooke St. W.

Francis Alexander Edward, B.A., D.D.S.
Lecturer in Dentistry — 1414 Drummond St.

FREDERICK ELKIN, A.M., Ph.D. (Chicago)
Assistant Professor of Sociology
Arts Building
8 Edgehill Rd.

HAROLD WILLIAM ELLIOTT, B.Sc., M.D., C.M.
Assistant Professor of Neurology and Neurosurgery
Montreal General Hospital

KENNETH ALLAN CALDWELL ELLIOTT, M.Sc. (S.A.), Ph.D., D.Sc. (Cantab.)
Associate Professor of Experimental Neurology and Biochemistry
Montreal Neurological Institute
3440 Grey Ave.

R. FRASER ELLIOTT, B.Com. (Queen's), M.B.A. (Harvard)
Lecturer in Law
Chancellor Day Hall
3940 Cote des Neiges Rd.

C. DOUGLAS ELLIS, B.A. (Cantab.), M.A. (Tor. and Yale), B.A.
Instructor in Divinity
Divinity Hall
3001 Holt St., Rosemount

DEREK VICTOR ELLIS, B.Sc. (Edin.)
Demonstrator in Zoology
Biological Building
Wilson Hall

GLADYS ELLISON, M.D. (Man.), F.R.C.P.S. (C.)
Demonstrator in Anaesthesia
Royal Victoria Hospital
1540 Summerhill Ave.

JAMES ELO, B.Sc. (Sir Geo. Williams), D.D.S.
Demonstrator in Dentistry
1224 St. Catherine St. W.

ARTHUR ROLAND ELVIDGE, M.D., C.M., M.Sc., Ph.D., F.R.C.S. (C.)
Assistant Professor of Neurology
Montreal Neurological Institute

ELLIOTT EMANUEL, B.A., B.M., B.Ch. (Oxon.), D.Ch., D.P.M., M.R.C.P. (Lond.)
Lecturer in Psychiatry
Queen Mary Veterans Hospital

LOUIS EPSTEIN, B.A., D.D.S.
Demonstrator in Dentistry
5123 Sherbrooke St. W.

LEMUEL PRICE EREAUX, B.Sc., M.D., C.M.
Associate Professor of Medicine and Clinical Professor of Dentistry
1390 Sherbrooke St. W.

DAVID STEWART ERSKINE, B.Sc. (Acadia), M.A. (Tor.)
Sessional Lecturer in Botany
Biological Building
2182 St. Luke St.

ROBERTO LIZARDO ESTRADA, B.Sc., M.D., C.M.
Demonstrator in Surgery
1538 Sherbrooke St. W.

KENNETH AUSTIN EVELYN, B.Sc., M.D., C.M., F.R.C.P. (C.), F.A.C.P.
Associate Professor of Medicine and Director of the Research Institute of Biophysics
Medical Building
Apt. 301, 1106 Elgin Terrace

MICHAEL MORTIMER FAINSTAT, B.Eng.
Sessional Lecturer in Mechanical Engineering
Engineering Building
6158 Terrebonne Ave.

DONALD FAIRBAIRN, B.A. (Queen's), Ph.D. (Rochester)
Associate Professor of Parasitology
Macdonald College

FLORENCE AMELIA FARMER, B.H.S., M.Sc., Ph.D.
Assistant Professor of Nutrition — *Macdonald College*

GERALD WILLIAM FARNELL, B.A.Sc. (Tor.), S.M. (M.I.T.)
Lecturer in Electrical Engineering — *Engineering Building*
10233 Peloquin Ave.

NEIL FEENEY, B.A. (Loyola), M.D., C.M., F.A.C.P.
Associate Professor of Medicine — 1414 Drummond St.

SIDNEY S. FELS, B.C.L.
Lecturer in Law — *Chancellor Day Hall*
4978 Victoria Ave.

JOSEPH FENYES, B.Sc. (Szeged)
Demonstrator in Chemistry — *Chemistry Building*
3065 Maplewood Ave.

CHARLOTTA FERENCZ, B.Sc., M.D., C.M.
Demonstrator in Paediatrics — *Children's Memorial Hospital*

GEORGE ANDREW FERGUSON, B.A. (Dal.), B.Ed., Ph.D. (Edin.)
Professor of Psychology — *Chancellor Day Hall*
Apt. 201, 1116 Elgin Terrace

ROBERT FERGUSON, M.B.E., M.D. (Tor.), F.I.C.A.
Lecturer in Anaesthesia — *Montreal General Hospital*
739 Upper Belmont Ave.

H. NOEL FIELDHOUSE, B.A. (Oxon.), M.A. (Sheffield), F.R.S.C.
Dean of the Faculty of Arts and Science, Kingsford Professor of History, Chairman of the Department, and Director of the Arts Building
Arts Building
3544 Peel St.

HAROLD G. FILES, A.M., Ph.D. (Harvard)
Chairman of the Humanities Group in the Faculty of Arts and Science and Greenshields Professor of English Literature — *Arts Building*
366 Wood Ave., Westmount

JOSEPH FINEBERG, D.D.S.
Demonstrator in Dentistry — 1625 Sherbrooke St. W.

HAY FINLAY, Dip.M.S.P.E.
Business Manager in the Department of Athletics, Physical Education, and Recreation — *Currie Gymnasium*
3375 Ridgewood Ave.

C. MILLER FISHER, B.A., M.D. (Tor.)
Lecturer in Neurology and Sessional Lecturer in Pathology
Montreal General Hospital
4150 Cavendish Blvd.

HAROLD DEAN FISHER, M.A. (U.B.C.)
Demonstrator in Zoology — *Biological Building*
Box 860, Ste. Anne de Bellevue

GUY HUBERT FISK, B.A., M.D., C.M., D.T.M. & H. (Eng.)
Associate Professor of Physical and Occupational Therapy and Director of the School — *Beatty Hall*
592 Walpole Ave.

DONALD STITT FLEMING, D.P.H. (Tor.), B.A., M.D., C.M.
Associate Professor of Health and Social Medicine, Secretary of the Faculty of Medicine, and Assistant to the Dean *Medical Building*
Apt. 12, 5540 Queen Mary Rd.

WILLIAM RODGERS FOOTE, B.A. (U.B.C.), M.D., C.M., M.R.C.O.G., F.A.C.S.
Assistant Professor of Obstetrics and Gynaecology 1390 Sherbrooke St. W.

ROY FORSEY, M.D., C.M.
Assistant Professor of Medicine 1414 Drummond St.

DAVID S. FORSTER, M.D., C.M., M.A.
Assistant Professor of Anatomy 4005 Wellington St., Verdun

JOHN STUART FOSTER, Ph.D. (Yale), D.Sc. (Acadia), F.R.S.C., F.R.S.
Macdonald Professor of Physics, Chairman of the Department of Physics, Building Director of the Radiation Laboratory, and Associate Building Director of the Physical Sciences Centre *Radiation Laboratory*
615 Lansdowne Ave.

CLAUDE JOSEPH FOURNIER, M.D., C.M.
Lecturer in Medicine 1374 Sherbrooke St. W.

ALAN FREDERICK FOWLER, M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine 232 Portland Ave.

CHARLES FOX, M.A. (Cantab.), D.Sc. (Lond.)
Associate Professor of Mathematics *Arts Building*
381 Prince Albert Ave., Westmount

EDWARD J. FOX, D.D.S.
Demonstrator in Dentistry 186 Bank St., Ottawa

WILLIAM WILLOUGHBY FRANCIS, A.B., M.D. (Johns Hopkins), M.D., C.M. (ad eun.)
Librarian, Osler Library *Medical Building*
1620 Cedar Ave.

BRUNO L. FRANK, B.Sc., Ph.D., D.P.H., M.R.C.S. (Eng.), L.R.C.P. (Lond.)
Lecturer in Therapeutics in the Department of Medicine 1290 Pine Ave. W.

SAUL FRANKEL, B.A.
Sessional Lecturer in Economics *Purvis Hall*
6060 Darlington Ave.

GERALD FRANKLIN, D.D.S., F.I.C.D.
Professor of Dentistry 1414 Drummond St.

F. CLARKE FRASER, B.Sc. (Acadia), M.D., C.M., M.Sc., Ph.D.
Assistant Professor of Genetics and Teaching Fellow in Paediatrics *Biological Building*
Apt. 106, 3570 Ridgewood Ave.

ROBERT GORDON FRASER, M.D. (Man.)
Demonstrator in Radiology 24 Dufferin Rd.

F. OWEN FREDERICK, B.A. (Bishop's), D.D.S.
Demonstrator in Dentistry 1538 Sherbrooke St. W.

DOROTHY RUTH FREEMAN (MRS. J.), B.A., Dip. Soc. Wk.
Assistant Professor in the School of Social Work — *3600 University St.*
4964 Fulton Ave.

ROGER DE L. FRENCH, B.Sc., C.E. (Wor. Poly. Inst.), M.Am.S.C.E., M.E.I.C.
Professor of Highway and Municipal Engineering (Post-retirement)
Engineering Building
Apt. 3, 7481 Upper Lachine Rd.

KATHLEEN M. FRICKER, M.A.
Lecturer in English — *Arts Building*
Apt. 38, 456 Pine Ave. W.

JACOB FRIED, A.B. (Temple), Ph.D. (Yale)
Assistant Professor of Sociology — *Dawson Hall*
2019 Victoria St.

HELEN FRIEDMAN-BRICKMAN (MRS. M. BRICKMAN), M.D. (Man.)
Demonstrator in Paediatrics — 1538 Sherbrooke St. W.

CHARLES WATSON FULLERTON, M.D., C.M., F.A.C.P.
Associate Professor of Medicine and of Therapeutics
1414 Drummond St.

LUCIE TOUREN FURNESS (MRS. A. W.), Licenciée-ès-Lettres (Paris)
Associate Professor of French and Assistant Director of the French Summer School (Post-retirement) — *Arts Building*
3558 Grey Ave.

HUMBERTO GARCIA, M.D. (Universidad Central de Venezuela)
Lecturer in Physiology — *Biological Building*
5603 Queen Mary Rd.

CAMPBELL MCGREGOR GARDNER, M.D., C.M., F.R.C.S. (Eng. and C.), F.A.C.S.
Assistant Professor of Surgery and of Dentistry — 1414 Drummond St.

WILLIAM H. GAUVIN, M.Eng., Ph.D.
Associate Professor of Chemical Engineering — *Physical Sciences Centre*
4028 Mackenzie Ave.

THOMAS J. GAVRILOFF, B.Sc., D.D.S.
Demonstrator in Dentistry — 1410 Guy St.

JULIUS G. GAZDIK, D.C.L., Dr. Pol. Sc. (Pecs), M.C.L.
Lecturer in Law — *Chancellor Day Hall*
164 Grande Côte, Ste. Thérèse

AUBREY KENT GEDDES, M.D., C.M.
Assistant Professor of Paediatrics — 1509 Sherbrooke St. W.

A. ROBERT GEORGE, B.A. (Bristol), B.D. (Lond.), D.D. (United Theol. Coll., Montreal)
Sessional Lecturer in Public Speaking in the Faculty of Engineering (Post-retirement) — 3450 McTavish St.

JOHN WILFRID GERRIE, B.A., D.D.S. (Alta.), M.D., C.M., D.L.O. (R.C.P. & S.)
Professor of Dentistry and Assistant Professor of Surgery
1414 Drummond St.

R. DARNLEY GIBBS, Ph.D. (Lond.), M.Sc., F.R.S.C., F.L.S.
Associate Professor of Botany and University Gardenmaster
Biological Building
3450 McTavish St.

NORRIS GIBLIN, M.C., B.A. (Tas.), M.B., Ch.B. (Edin.)
Associate Professor of Physiology — *Biological Building*, 3564 University St.

RICHARD GEORGE BARTON GILBERT, M.B., B.Sc. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.A. (R.C.P. & S.), F.A.C.A.
Lecturer in Anaesthesia — *Montreal Neurological Institute*, 3156 Westmount Blvd.

JAMES EDWARD GILL, Ph.D. (Princeton), B.Sc., F.R.S.C.
Professor of Geological Sciences — *Physical Sciences Centre*, 251 Ballantyne Ave. N., Montreal West

DONALD H. GILLEN, M.D. (Western Ont.)
Lecturer in Bacteriology — *Pathological Institute*

PHILIP J. GITNICK, D.D.S.
Lecturer in Dentistry — 1396 St. Catherine St. W.

RONALD EDWARD GLEGG, B.Sc., Ph.D.
Research Associate in Anatomy — *Medical Building*, Apt. 16, 5200 Cote St. Catherine Rd.

BASIL CHARLES CREIGHTON GLYNN
Assistant Professor of Engineering Drawing — *Engineering Building*, 4625 Clanranald Ave.

JOHN STODDART GODARD, B.Sc., M.C.I.M.M., M.A.I.M.E., P.Eng.
Associate Professor of Mineral Dressing — *Physical Sciences Centre*, 15 Brock Ave. S., Montreal West

ALLEN GOLD, B.Sc., M.D., C.M.
Demonstrator in Medicine — 1610 Pine Ave. W.

SIMON GOLD, M.D., C.M., M.Sc.
Demonstrator in Obstetrics and Gynaecology — 1538 Sherbrooke St. W.

ALTON GOLDBLOOM, B.A., M.D., C.M., F.R.C.P. (C.), F.A.A.P.
Professor of Paediatrics and Chairman of the Department — *Children's Memorial Hospital*

RICHARD B. GOLDBLOOM, B.Sc., M.D., C.M.
Teaching Fellow in Paediatrics — *Children's Memorial Hospital*

VICTOR CHARLES GOLDBLOOM, B.Sc., M.D., C.M.
Demonstrator in Paediatrics — 1538 Sherbrooke St. W.

SOLOMON E. GOLDMAN, M.D., C.M.
Demonstrator in Surgery — 1538 Sherbrooke St. W.

JOSEPH ANTONI GOLINSKI, M.E. (Cracow-Gliwice), M.A.Sc. (Tor.)
Sessional Lecturer in Mechanical Engineering — *Engineering Building*, 3585 Durocher St.

ALEC L. GORDON, B.Sc., M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine — 1610 Pine Ave. W.

COLIN DOUGLAS GORDON, B.A. (Alta.), M.A., Ph.D. (Michigan)
Assistant Professor of Classics — *Arts Building*, 144 Broadview Ave., Valois

DINA GORDON, M.D. (Tor.)
Lecturer in Pathology — *Pathological Institute*, 456 Pine Ave. W.

DONALD CURRY GORDON, B.Sc. (Acadia), D.D.S.
Assistant Professor of Dentistry — 1414 Drummond St.

BERNARD GRAD, B.Sc.
Demonstrator in Psychiatry — Apt. 4, 4145 Decarie Blvd.

WILLEM LAURENS GRAFF, Ph.D. (Louvain)
Professor of German and Chairman of the Department — *Arts Building*, 4045 Wilson Ave.

PETER NELSON GRAINGER, B.Sc.
Assistant in Plant Pathology — *Macdonald College*

PERCY HEATH HOBART GRAY, M.A. (Oxon.), D.Sc. (Lond.)
Associate Professor of Agricultural Bacteriology and Chairman of the Department — *Macdonald College*

EDITH JOSEPHINE GREEN, B.A. (U.B.C.), B.S. in L.S. (Washington), Dip. Nurs., R.N.
Acting Director of, and Assistant Professor in, the School for Graduate Nurses, and Acting Building Director of Beatty Hall — *Beatty Hall*, 3625 Lorne Crescent

RICHARD CURTICE GREULICH, A.B. (Stanford)
Teaching Fellow in Anatomy — Apt. 52, 3515 Durocher St.

HAROLD RANDALL GRIFFITH, M.M., M.D. (Hahnemann, Phila.), B.A., M.D., C.M., F.A.C.A., F.I.C.A., F.F.A.R.C.S.
Associate Professor of Anaesthesia and Chairman of the Department — *Queen Elizabeth Hospital*

MARGARET GRIFFITHS, B.A. (Western Ont.), Dip. Soc. Wk. (Tor.)
Lecturer and Field Unit Supervisor in the School of Social Work — *3600 University St.*, 2207 Dorchester St. W.

GEORGE ANDREW GRIMSON, B.Com.
Chief Accountant — *Dawson Hall*, 4043 Marlowe Ave., N.D.G.

ARNOLD GROSSMAN, M.D., C.M.
Demonstrator in Otolaryngology — *Montreal General Hospital*

T. IVAN GUILBOARD, B.A. (Loyola), D.D.S.
Lecturer in Dentistry — 1411 Stanley St.

KENRICK LEWIS STUART GUNN, B.A. (Western Ont.), M.Sc., Ph.D.
Assistant Professor of Physics — *Physics Building*, Apt. B2, 1463 Bishop St.

FRASER NEWMAN GURD, M.Sc. (Penn.), M.D., C.M., F.R.C.S. (C.)
Demonstrator in Surgery — 1538 Sherbrooke St. W.

GEORGE K. HALE, D.D.S.
Demonstrator in Dentistry — 112 Second St., St. Lambert

C. Wayne Hall, M.A. (Bishop's)
Professor in the School for Teachers — *Macdonald College*

G. Birks A. Hall, M.Com.
Lecturer in Law — *Chancellor Day Hall*
1601 Graham Boulevard, Town of Mount Royal

Oswald Hall, B.A. (Queen's), Ph.D. (Chicago), M.A.
Associate Professor of Sociology and Chairman of the Department — *Dawson Hall*
4003 Oxford Ave., N.D.G.

Gerald Winter Halpenny, B.Sc. (in Arts), M.D., C.M., F.R.C.P. (C.), F.A.C.P.
Lecturer in Medicine and in Dentistry — 1414 Drummond St.

Lionel Hibbert Hamilton, B.S.A. (Tor.), M.S. (Wisconsin)
Associate Professor of Animal Husbandry — *Macdonald College*

Reginald Clarence Mackenzie Hamilton, E.D., M.Sc., M.D. (Alta.)
Lecturer in Psychiatry — Ste. Annes Hospital, Ste. Anne de Bellevue

Frank Keith Hanson, Mus.D.
Associate Professor of Music in the School for Teachers — *Macdonald College*
20787 Lake Shore Rd., Baie d'Urfe

Frederick Raymond Hanson, B.Sc. (Wisconsin), M.D. (Nebraska) (on leave of absence)
Assistant Professor of Psychiatry — 4 East 65th St., New York 21, N.Y.

Richard George M. Harbert, B.Sc., M.D., C.M.
Lecturer in Medicine — 1538 Sherbrooke St. W.

F. Kenneth Hare, B.Sc. (Lond.), Ph.D. (Montréal), F.R.G.S., F.R.Met.S.
Professor of Geography, Chairman of the Department, Director of the Geography Summer School, and Building Director of the Meteorological Observatory — *Arts Building*
3508 University St.

E. Violet Harkness (Mrs. T. A.), B.A., M.Sc.
Demonstrator in Physics — *Physics Building*
3524 Hutchison St.

Eleanor Mackenzie Harpur, M.D., C.M., M.Sc.
Demonstrator in Paediatrics — *Children's Memorial Hospital*

Robert Peter Harpur, B.Sc. (N.Z.), M.Sc., Ph.D.
Assistant Professor of Parasitology — *Macdonald College*

Margaret Harrington, B.P.H.E. (Tor.), A.R.C.M.
Instructor in Athletics, Physical Education, and Recreation — *Royal Victoria College*
1583 Pine Ave.

A. Van Harris, B.A. (Man.), B.Com., C.A., R.I.A.
Lecturer in Commerce Evening Courses — 631 Murray Hill Ave.

Cecil Harris, B.Sc., M.D. (Glasgow)
Lecturer in Medicine — 74 Fieldfare Ave., Beaurepaire

LEONARD BERNARD HARROP, B.A., Dip. Ed. (Western Australia), Dip. Estud. Hisp. (Santander), M.A. (Interamericana, Mexico), F.I.L.
Assistant Professor of Spanish — *Arts Building*
Apt. 38, 3509 Hutchison St.

ROBERT FREDERICK HARVEY, D.D.S.
Lecturer in Dentistry — 4460 Sherbrooke St. W.

WILLIAM H. HATCHER, M.Sc., Ph.D., F.C.I.C., F.R.S.C.
Chairman of the Physical Sciences Group in the Faculty of Arts and Science, Professor of Chemistry, and General Director of the Physical Sciences Centre — *Physical Sciences Centre*
4838 Wilson Ave., N.D.G.

STUART CHRISTOPHER MCLEAN HAWKINS, Doctorat (Paris), M.A.
Assistant Professor in the School for Teachers — *Macdonald College*

WILFRED JOSEPH HAWKINS, B.Sc. (Sask.)
Purchasing Agent — *3480 University St.*
153 Lakeview Ave., Pointe Claire

ALAN B. HAWTHORNE, B.A., M.D., C.M.
Lecturer in Surgery — 1538 Sherbrooke St. W.

ROBERT DONALD HOSKIN HEARD, M.A. (Tor.), Ph.D. (Manchester), F.R.S.C.
Associate Professor of Biochemistry — *Biological Building*
4102 Marlowe Ave., N.D.G.

DONALD O. HEBB, B.A. (Dal.), Ph.D. (Harvard), M.A.
Professor of Psychology and Chairman of the Department — *Chancellor Day Hall*
63 Nelson St., Montreal West

MARCEL HEBERT, B.A. (Loyola), D.D.S.
Demonstrator in Dentistry — 1455 Crescent St.

JOYCE HEMLOW, M.A. (Queen's), A.M., Ph.D. (Harvard)
Associate Professor of English — *Arts Building*
3522 Mountain St.

MYER HENDELMAN, B.A., M.D., C.M.
Lecturer in Obstetrics and Gynaecology — 1374 Sherbrooke St. W.

THOMAS GREENSHIELDS HENDERSON, Ph.D. (Harvard), M.A.
Associate Professor of Philosophy — *Arts Building*
1556 Summerhill Ave.

GERALD OWEN HENNEBERRY, B.S. (Dal.)
Lecturer in Agricultural Chemistry — *Macdonald College*

ARNE HENRIKSON, B.A. (U.B.C.), M.Sc.
Lecturer in Physics — *Physics Building*
23 Thorncrest Circle, Dorval

HELEN AMY HENRIKSON (MRS. A.)
Lecturer in Physiology — *Biological Building*
23 Thorncrest Circle, Dorval

ARTHUR MUNROE HENRY, B.A. (Lond.), M.A.
Assistant Professor of Education in the School for Teachers — *Macdonald College*

DONALD W. HENRY, B.A. (Bishop's), D.D.S.
Lecturer in Dentistry — 1534 Crescent St.

JOHN STEWART HENRY, M.D., C.M., M.R.C.O.G., F.A.C.S.
Assistant Professor of Obstetrics and Gynaecology 1414 Drummond St.

ROBINA ELIZABETH HENRY (MRS. H. L.), M.A. (Dublin)
Assistant Professor of Romance Languages *Arts Building*
154 Wolseley Ave., Montreal West

WILLIAM HUNTER HENRY, B.Sc. (Queen's), Ph.D.
Research Associate in Physics *Radiation Laboratory*
3561 Beaubien Ave.

DAVID MARCHANT HERBERT, Mus. Bac. (Chicago), L.R.S.M. (Lond.)
Lecturer in the Department of Education *Arts Building*
3460 McTavish St.

ERICH HERBST
Demonstrator in Mechanical Engineering *Engineering Building*
575 - 16th Ave., Lachine

HENRY HERSHON, M.D. (Geneva), B.Sc.
Lecturer in Psychiatry *Allan Memorial Institute*
661 Querbes Ave., Outremont

DONALD T. HIGMAN, B.A. (U.B.C.), M.A., Ph.D. (Illinois)
Research Associate in Mathematics *Physical Sciences Centre*
6397 Trans Island Ave.

WALTER HENRY PHILIP HILL, B.A., M.D., C.M., M.R.C.P. (Lond.), F.R.C.P. (C.)
Assistant Professor of Medicine 3448 Peel St.

THEODORE LEWIS HILLS, M.A. (Canterbury)
Sessional Lecturer in Geography *Arts Building*
3500 Shuter St.

LLOYD GEORGE HISEY, M.D. (Tor.)
Lecturer in Psychiatry *Allan Memorial Institute*
1374 Pine Ave. W.

WALTER F. HITSCHFIELD, B.A.Sc. (Tor.) Ph.D.
Assistant Professor of Physics *Physics Building*
4600 West Broadway

WILLIAM GEORGE HOGG, C.A.
Demonstrator in Commerce 2324 Cuvillier St.

ROBERT KIRKWOOD HOLCOMB, B.S.A., Ph.D.
Assistant Professor of Chemistry *Chemistry Building*
4590 Wilson Ave.

JANET MARGARET HOLDER, B.N., R.N.
Lecturer in the School for Graduate Nurses *Beatty Hall*
430 Mount Stephen Ave., Westmount

G. ALLISON HOLLAND, B.Com., M.D., C.M., F.R.C.S. (C.)
Lecturer in Surgery and Physician in the Student Health Service
1610 Pine Ave. W.

JOHN HERBERT HOLTON, B.Com. (Tor.)
Secretary and Assistant Bursar at Macdonald College *Macdonald College*

F. ISABEL HONEY, M.A. (Tor.)
Associate Professor of Home Economics *Macdonald College*

JAMES F. HOPKIRK, B.Sc., M.D., C.M. (Dal.), F.R.C.S. (C.)
Demonstrator in Surgery 3448 Peel St.

LOUIS HORLICK, B.Sc., M.D., C.M., Dip. Int. Med.
Demonstrator in Medicine 3839 Arcade St.

ESAU HOSEIN, M.Sc., Ph.D.
Sessional Lecturer in Biochemistry *Biological Building*
3437 Hutchison St.

FREDERICK STANLEY HOWES, M.Sc., D.I.C. (Imperial College), Ph.D. (Lond.), F.I.R.E., P.Eng.
Director of University Extension and Associate Professor of Electrical Engineering *Dawson Hall*
Apt. 412, 3375 Ridgewood Ave.

JOHN GERRARD HOWLETT, M.D., C.M., M.Sc., M.R.C.P. (Lond.), F.R.C.P.(C.)
Assistant Professor of Medicine 3448 Peel St.

A. HUBERT HOWSON, B.A., C.A.
Lecturer in Accounting 111 Highfield Ave., Town of Mt. Royal

DOUGLAS W. HUESTIS, M.D., C.M.
Demonstrator in Pathology *Pathological Institute*
37 Stratford Rd., Hampstead

JOHN HUGHES, M.A. (Wales)
Macdonald Professor of Education and Chairman of the Department *Arts Building*
Apt. 2, 3500 Durocher St.

WILLIAM J. HULBIG, B.A., B.C.L.
Lecturer in Law *Chancellor Day Hall*
3166 The Boulevard, Westmount

EDITH HUNTER
Assistant Warden of the Women's Residence *Macdonald College*

ISHAZ MUSA AL HUSAINI, Licence-ès-Lettres (Egyptian State), Ph.D. (Lond.)
Visiting Professor in the Institute of Islamic Studies *3520 University St.*
3641 University St.

LUCILLE IRVINE (MRS. E.), M.A.
Special Lecturer in the School of Social Work *3600 University St.*
3440 Peel St.

J. DAVID JACKSON, B.Sc. (Western Ont.), Ph.D. (M.I.T.)
Assistant Professor of Mathematics *Physical Sciences Centre*
5245 Musset Ave., N.D.G.

F. CYRIL JAMES, Chevalier de la Légion d'Honneur, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D. de l'U. (Montréal), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, the Punjab, Birmingham, New York, etc.), F.R.S.C.
Principal and Vice-Chancellor of the University and Professor of Political Economy *Dawson Hall*
1200 Pine Ave. W.

ROBERT EDWARDS JAMIESON, O.B.E., M.Sc., P.Eng.
Dean of the Faculty of Engineering, William Scott Professor of Civil Engineering, Chairman of the Department of Civil Engineering, and Director of the Engineering Building *Engineering Building*
234 Metcalfe Ave., Westmount

ANNIE ELIZABETH JAQUES
Lecturer in the School for Teachers *Macdonald College*

HERBERT HENRI JASPER, A.B. (Reed), M.A. (Oregon), Ph.D. (Iowa), D.-ès-Sc. (Paris), M.D., C.M.
Professor of Experimental Neurology, and Physician-in-charge of the Neurophysiology and the Electroencephalographic Laboratories
Montreal Neurological Institute
804 Upper Lansdowne Ave.

MANSOUR JAVID, B.Sc. (Birmingham)
Lecturer in Electrical Engineering
Engineering Building
2135 Dorchester St. W.

MARJORIE MCMILLEN JENKINS, B.Sc. (H.Ec.) (Alta.)
Lecturer in the School of Household Science
Macdonald College

ARNOLD LIVINGSTONE JOHNSON, M.D., C.M.
Lecturer in Physiology and Demonstrator in Paediatrics
Children's Memorial Hospital

EDITH M. JOHNSON
Instructor in Pianoforte (Post-retirement)
Conservatorium of Music
Apt. 15, 4643 Sherbrooke St. W.

LOUIS G. JOHNSON, B.Sc., M.D., C.M., F.R.C.P. (C.)
Assistant Professor of Medicine
Royal Victoria Hospital

W. AUSTIN JOHNSON, B.A., B.C.L.
Lecturer in Architecture
507 Place d'Armes

KENNETH BURNS JOHNSTON, M.D., C.M., D.O.M.S. (E.)
Professor of Ophthalmology and Chairman of the Department
1509 Sherbrooke St. W.

WILBUR AUSTIN JOHNSTON
Supervisor of Athletics Facilities
Currie Gymnasium
3425 Ridgewood Ave.

WILFRED JAMES JOHNSTON, D.D.S.
Assistant Professor of Dentistry
1414 Drummond St.

WILLIAM JOHNSTON, B.C.L.
Lecturer in Law
Chancellor Day Hall
345 - 43rd Ave., Lachine

GEORGE WILFRED JOLY, B.A. (Loyola), M.Eng.
Assistant Professor of Civil Engineering
Engineering Building
5675 Bannantyne Ave., Verdun

ALUN RICHARD JONES, B.Sc. (Bristol)
Demonstrator in Physics
Physics Building
3791 Marlowe Ave.

ARNOLD JONES, B.Sc. (U.N.B.), M.D., C.M., F.R.C.S. (C.)
Demonstrator in Surgery
1414 Drummond St.

GEORGE E. JONES
Instructor in Trumpet
Conservatorium of Music
251 Trenton Ave., Town of Mount Royal

GUY JORON, B.A. (Loyola), M.D., C.M.
Demonstrator in Medicine
1414 Drummond St.

WINTHROP OTIS JUDKINS, A.M. (Harvard)
Associate Professor of Fine Arts
3450 Drummond St.
40 Hillcrest Ave., Pointe Claire

EDWARD JURICEK, M.E. (Bratislava)
Demonstrator in Mechanical Engineering — *Engineering Building*, 2300 Harvard Ave.

FREDERICK KALZ, M.D. (Prague)
Assistant Professor of Medicine — 1414 Drummond St.

GERTRUDE G. KALZ (MRS. F.), M.D., D.P.H. (Prague)
Associate Professor of Bacteriology and Immunology — *Pathological Institute*, 3766 Marlowe Ave.

GORDON MACCORQUODALE KARN, B.Sc., M.D., C.M., M.Sc., Dip. Surg., F.R.C.S.
Teaching Fellow in Surgery — 4380 Harvard Ave.

SIDNEY KASMAN, M.A. (Tor.)
Demonstrator in Chemistry — *Chemistry Building*, Apt. 14, 2070 Union Ave.

HYMAN KAUFMAN, M.Sc., Ph.D.
Associate Professor of Mathematics — *Engineering Building*, 830 St. Louis St., Lachine

MARK KAUFMAN, M.D., C.M.
Assistant Professor of Surgery — 1440 Crescent St.

BURTON S. KEIRSTEAD, B.A. (Oxon. and U.N.B.), LL.D. (U.N.B.), F.R.S.C.
Chairman of the Social Studies and Commerce Group in the Faculty of Arts and Science, and William Dow Professor of Economics and Political Science — *Arts Building*, Apt. 2, 2140 Grey Ave.

CLIFFORD D. KELLY, M.S.A. (U.B.C.), Ph.D. (Cornell)
Assistant Professor of Bacteriology and Immunology — *Pathological Institute*, 30 Wicksteed Ave., Town of Mount Royal

JEROME JOSEPH KELLY, B.A. (St.F.X.), M.D., C.M.
Demonstrator in Anaesthesia — *Montreal General Hospital*

ROBERT FULLERTON KELSO, M.B., M.A. (Queen's)
Physician in the Macdonald Health Service — *Macdonald College*

MICHEL R. KELTON, M.Eng.
Demonstrator in Electrical Engineering — *Engineering Building*, 2170 Lincoln Ave.

MURRAY C. KEMP, B.Com., M.A. (Melbourne)
Assistant Professor of Economics — *Purvis Hall*, 3485 McTavish St.

W. ROLAND KENNEDY, B.Sc., M.D., C.M.
Assistant Professor of Medicine — 1538 Sherbrooke St. W.

JOHN KERR, B.A.
Honorary Lecturer in Religious Instruction — *Macdonald College*

JAMES KERR KINNEAR, M.A. (U.B.C.)
Lecturer in Agricultural Physics and Assistant Warden of the Men's Residence — *Macdonald College*

JAMES BALFOUR KIRKPATRICK, B.A., M.Ed. (Sask.), Ed.D. (Columbia)
Professor of Physical Education and Director of the School of Physical Education — *Currie Gymnasium*, 898 Victoria Ave., St. Lambert

LEO S. S. KIRSCHBERG, M.D., C.M.
Lecturer in Ophthalmology — 1390 Sherbrooke St. W.

IGOR KLATZO, M.D. (Freiburg), M.Sc.
Teaching Fellow in Pathology — *Pathological Institute*, 1389 Redpath Crescent

DAVID KLEIN, M.D., C.M.
Demonstrator in Paediatrics — 230 St. Joseph Blvd. W.

RAYMOND KLIBANSKY, M.A. (Oxon.), D.Phil. (Heidelberg)
Frothingham Professor of Logic and Metaphysics — *Duggan House*, 3450 McTavish St.

E. CLIFFORD KNOWLES, B.D. (Tor.), M.A.
University Chaplain and Student Counsellor — *Arts Building*, 5221 Westmore Ave., N.D.G.

FREDERICK KNOWLES, B.Com., C.A.
Lecturer in Accounting — 4645 Belmore Ave.

WADAW KOZAKIEWICZ, Ph.D. (Warsaw)
Associate Professor of Mathematics — *Arts Building*, 5825 Cote St. Luc Rd., N.D.G.

VOJTECH ADALBERT KRAL, M.D. (Prague)
Lecturer in Psychiatry — *Verdun Protestant Hospital*

ERNST HAKAN KRANCK, D.Sc. (Helsingfors)
Professor of Geological Sciences — *Physical Sciences Centre*, Hudson Heights

EVA KUSHNER (MRS. D.), B.-ès-L. (Paris), M.A.
Sessional Lecturer in Romance Languages — *Arts Building*, 475 Milton St.

RAYMOND LACHAPELLE, B.A. (Montréal), B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 4553 Delorimier Ave.

ROLAND THOMAS LAMB, B.Sc., D.D.S.
Lecturer in Dentistry — 1414 Drummond St.

JOACHIM LAMBEK, M.Sc., Ph.D.
Assistant Professor of Mathematics — *Engineering Building*, 49 Macauley Ave., St. Lambert

ALAN G. LANE, B.Eng.
Sessional Lecturer in Mechanical Engineering — *Engineering Building*, 2056 Westmore Ave., N.D.G.

JAMES A. LANGLEY
Assistant Superintendent of Buildings and Grounds, Macdonald College — *Macdonald College*

ALBERT W. LAPIN, B.A., M.D., C.M., M.R.C.P. (Lond.), F.R.C.P. (C.)
Demonstrator in Medicine — 4123 Sherbrooke St. W.

MARC LAPOINTE, B.A. (Montréal), M.C.L.
Lecturer in Law — *Chancellor Day Hall*, 3767 St. Andre St.

HÉLÈNE LARIVIÈRE (MME P. L.), Agrégée de l'Université de France
Associate Professor of Romance Languages — *Arts Building*, 1532 Pine Ave. W.

JOHN DALE LATENDRESSE, B.Sc., M.D. (Tufts), Dip. Psychiatry
Teaching Fellow in Psychiatry — *Allan Memorial Institute*
Apt. 2, 5250 Westhill Ave., N.D.G.

JEAN PAUL A. LATOUR, B.Sc., M.D., C.M.
Lecturer in Obstetrics — *Royal Victoria Hospital*
6282 Terrebonne Ave., N.D.G.

PHILIP JOSEPH LAUFER, B.Sc.
Demonstrator in Mathematics and in Physics — *Arts Building*
231 St. Joseph Blvd.

JEAN E. L. LAUNAY, Licencié-ès-Lettres, Diplômé d'Etudes Supérieures (Paris), Agrégé de l'Université de France
Professor of French Language and Literature, Chairman of the Department of Romance Languages, and Director of the French Summer School — *Arts Building*
Apt. 2, 3780 Maplewood Ave.

H. WYATT LAWS, M.D., C.M.
Demonstrator in Ophthalmology — 1509 Sherbrooke St. W.

RAY NEWTON LAWSON, B.A., M.D. (Western Ont.), F.R.C.S.
Demonstrator in Surgery — 1509 Sherbrooke St. W.

HARRY D. LEAD, M.Sc., Ph.D.
Sessional Lecturer in Education — *Arts Building*
3449 University St.

W. GORDON LEAHY, B.Sc. (Laval), D.D.S.
Professor of Dentistry — 3535 Connaught Ave.

DAVID FRED LEBENSOLD, Dip. Poly. Sch. Arch. (Lond.), A.R.I.B.A., M.R.A.I.C.
Lecturer in the School of Architecture — *3484 University St.*
Apt. 501, 3201 Forest Hill Ave.

CHARLES PHILIPPE LEBLOND, M.D. (Paris), Ph.D. (Montréal), D.Sc. (Sorbonne)
Professor of Anatomy — *Medical Building*
68 Chesterfield Ave.

GERALD ERIC LE DAIN, D. de l'U. (Lyon), B.C.L.
Lecturer in Law — *Chancellor Day Hall*
4525 St. Catherine St. W.

ROMEO LEDOUX
Demonstrator in Commerce — *Arts Building*
867 Valiquette St.

HEINZ EDGAR LEHMANN, M.D. (Berlin)
Assistant Professor of Psychiatry — *Verdun Protestant Hospital*

WILFRED LEITH, B.A. (Mount Allison), M.D., C.M. (Dal.)
Demonstrator in Medicine — 4119 Sherbrooke St. W.

CHARLES STUART LEMESURIER, Q.C., B.A., B.C.L., LL.D. (Glasgow)
Professor of Law — *Chancellor Day Hall*
419 Roslyn Ave., Westmount

EDMOND A. LEMIEUX, B.Com., C.A.
Lecturer in Accounting — 148 Kenaston Ave., Town of Mount Royal

ROBERT LENNOX, M.D., C.M., D.T.M., F.R.C.P. (C.)
Demonstrator in Paediatrics — 1509 Sherbrooke St W.

RIA LENSSENS (MRS. ALBERT HEYNINX)
Instructor in Singing — *Conservatorium of Music*
Apt. 9, 3850 Cote St. Catherine Rd.

YVONNE ANDRÉE LEON, B.Sc. (Manchester)
Demonstrator in Chemistry — *Chemistry Building*
McLennan Hall

ROBERT LEVEQUE, LL.B. (Montréal)
Lecturer in Law — *Chancellor Day Hall*
3769 de la Peltrie St.

SEYMOUR LEVINE, B.Eng.
Sessional Lecturer in Mechanical Engineering — *Engineering Building*
4995 Hingston Ave.

BENJAMIN ABRAHAM LEVITAN, B.Sc., M.D., C.M.
Demonstrator in Medicine
1462 Bishop St.

THEODOR LIN, Dip. Ing. M.E. und E.E. (Beuth-Schule), Dr.Phys. (Basel)
Sessional Lecturer in Mechanical Engineering — *Engineering Building*
Apt. 14, 340 Willowdale Ave.

ARTHUR LISMER, LL.D. (Dal.), R.C.A., F.R.S.A.
Assistant Professor of Fine Arts (Post-retirement) — *3430 Ontario Ave.*
1485 Fort St.

GEORGE D. LITTLE, M.D., C.M., F.A.C.S.
Lecturer in Surgery
1538 Sherbrooke St. W.

MADELEINE A. D. LITTLE (MRS. G.), B.-ès-L. (Aix), L.-ès-L., Diplômée d'Études Supérieures (Paris)
Sessional Lecturer in Romance Languages — *Arts Building*
Apt. 11, 1365 Bernard Ave. W.

LEWIS LLOYD, B.Sc.
Assistant in Nutrition — *Macdonald College*

DONALD LAVELL LLOYD-SMITH, M.D., C.M., F.R.C.P.
Registrar of the Montreal Neurological Institute
Montreal Neurological Institute
4530 Wilson Ave.

JOHN CRAIG LOCKE, B.Sc., M.D., C.M., Cert. Ophthal. (R.C.P. & S.), Dip. (Amer. Board Ophthal.)
Demonstrator in Ophthalmology
1414 Drummond St.

EMILE A. LODS, D.-ès-Sc. (Montréal), M.S.A., F.A.I.C.
Associate Professor of Agronomy — *Macdonald College*

RUSSELL LOFTUS, B.A. (Olivet), M.B.A. (Harvard)
Lecturer in the School of Commerce
3006 Brighton Ave.

ELIZABETH LOGAN, B.Sc. (Acadia), Master of Nursing (Yale)
Lecturer in the School for Graduate Nurses — *Beatty Hall*
3638 Durocher St.

RICHARD CULVER LONG, B.Sc., M.D.
Demonstrator and Hosmer Teaching Fellow in Surgery
3448 Peel St.

HERBERT RONALD LOUTTIT, D.D.S.
Demonstrator in Dentistry
4470 Sherbrooke St. W.

RUTH MARGARET LOW, B.A.
Lecturer in Education — *Arts Building*, 141 Bedbrooke Ave.

LOUIS LOWENSTEIN, B.A., M.D. (Vanderbilt), F.A.C.P.
Assistant Professor of Medicine — 2162 Sherbrooke St. W.

ABRAHAM S. LUCHINS, B.A. (Brooklyn), M.A. (Columbia), Ph.D. (New York), F.A.P.A.
Associate Professor of Psychology — *Chancellor Day Hall*, 2747 Maplewood Ave.

JOSEPHUS CORBUS LUKE, M.B.E., B.A., M.D., C.M., F.R.C.S. (Eng. and C.)
Assistant Professor of Surgery — 1390 Sherbrooke St. W.

JOHN GOODWIN LYMAN
Associate Professor of Fine Arts and Chairman of the Department (Post-retirement) — *3450 Drummond St.*, 4038 Tupper St.

ROBERT M. MACALLISTER, D.D.S.
Demonstrator in Dentistry — 4545 Sherbrooke St. W.

JAMES LORNE MACARTHUR, M.D. (Western Ont.), M.R.C.O.G., F.R.C.S. (C.), F.A.C.S.
Lecturer in Obstetrics and Gynaecology — 1414 Drummond St.

JAMES LESTER MCCALLUM, B.A., M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine — 1610 Pine Ave. W.

JOHN JOSEPH MCCARTHY, B.Sc. (St. F. X.), D.D.S.
Lecturer in Dentistry — 1414 Drummond St.

JAMES ROLAND MCCORRISTON, B.A. (Sask.), M.D., C.M. (Queen's), M.Sc., F.R.C.S. (C.)
Demonstrator in Surgery — Apt. 44, 3300 Ridgewood Ave.

WILLARD BLAIR MCCOY, B.Eng.
Lecturer in Civil Engineering — *Engineering Building*, Apt. 1, 5191 Walkley Ave.

DONALD ROSS MCCRIMMON, M.D., C.M.
Demonstrator in Paediatrics — 1538 Sherbrooke St. W.

PAUL FLETCHER MCCULLAGH, B.A. (Tor.), Ph.D. (Chicago), M.A.
Associate Professor of Classics — *Arts Building*, 3562 University St.

JAMES MCCUTCHEON, M.S.D. (Michigan), B.A., D.D.S.
Associate Professor of Dentistry — *Donner Building*, Apt. 5, 5562 Decelles Ave.

PEMBROKE NOEL MACDERMOTT, M.D., C.M.
Lecturer in Paediatrics and Demonstrator in Medicine — 1414 Drummond St.

ALLISON DAVID MACDONALD, M.D., C.M.
Demonstrator in Medicine and Physician in the Student Health Service — 1538 Sherbrooke St. W.

CHARLES C. MACDONALD, B.A., M.D., C.M.
Demonstrator in Medicine and in Clinical Medicine — 195 Wolseley Ave. N., Montreal West

DONALD WILSON MCDONALD, B.A. (Dal.), M.D., C.M.
Lecturer in Ophthalmology — 1538 Sherbrooke St. W.

SAMUEL ARTHUR MACDONALD, B.A., M.B., Ch.B. (Edin.), F.I.C.S., F.R.C.S. (C.)
Lecturer in Surgery — 1414 Drummond St.

BERNARD J. MACDOUGALL
Demonstrator in Electrical Engineering — *Engineering Building*, 3476 Walkley Ave.

COLIN MALCOLM MCDOUGALL, D.S.O., B.A.
Director of the University Placement Service — *3574 University St.*, 433 Lansdowne Ave.

JAMES URQUHART MACEWAN, B.Sc. (Queen's), M.S. (Montana School of Mines)
Birks Professor of Metallurgy and Chairman of the Department — *Physical Sciences Centre*, 3534 University St.

DAVID L. MACFARLANE, B.S.A., M.Sc. (Sask.), Ph.D. (Minnesota)
Professor of Agricultural Economics and Chairman of the Department — *Macdonald College*

KENNETH TURVILLE MACFARLANE, M.D. (Western Ont.), M.R.C.O.G., F.A.C.S.
Lecturer in Obstetrics and Gynaecology — 1374 Sherbrooke St. W.

ELEANOR E. MCGARRY, B.Sc., M.D., C.M.
Lecturer in the Medical Clinic — *Royal Victoria Hospital*, 4022 Grey Ave.

HOLLIE EDWARD MCHUGH, B.Sc., M.D., C.M., D.L.O. (R.C.P. & S.)
Lecturer in Oto-Laryngology — 3448 Peel St.

CLARENCE A. MCINTOSH, B.A., M.D., C.M.
Assistant Professor of Surgery — 1390 Sherbrooke St. W.

DONALD J. MACINTOSH, B.A. (St.F.X.), M.D., C.M.
Hosmer Teaching Fellow in Medicine — *Montreal General Hospital*

FRANK C. MACINTOSH, M.A. (Dal.), Ph.D.
Joseph Morley Drake Professor of Physiology and Chairman of the Department — *Biological Building*, 145 Wolseley Ave. N., Montreal West

JOHN FORBES MCINTOSH, B.A. (U.N.B.), M.D., C.M.
Associate Professor of Medicine — 19 Springfield Ave., Westmount

DONALD G. MACKAY, M.B., Ch.B. (Edin.)
Demonstrator in Medicine and in Clinical Medicine — *Montreal General Hospital*

JOSEPH WILLIAM MCKAY, M.D., C.M. (Dal.), F.R.C.P. (C.)
Associate Professor of Radiology — *Montreal General Hospital*

RICHARD DONALD MCKENNA, B.A. (Montréal), M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine — 1390 Sherbrooke St. W.

DAVID WALLACE MACKENZIE, JR., M.A. (Cantab.), D.Sc. (Columbia), B.A., M.D., C.M., F.R.C.S. (C.)
Lecturer in Surgery — 1509 Sherbrooke St. W.

KENNETH READING MACKENZIE, B.A., M.D., C.M., Ph.D., M.R.C.S. (Eng.), L.R.C.P. (Lond.)
Assistant Professor of Medicine and Assistant Professor in the Medical Clinic — *Royal Victoria Hospital*, Apt. 311, 1455 Drummond St.

MALCOLM BLAIR MACKENZIE, B.Sc., M.D., C.M.
Lecturer in Pathology — *Reddy Memorial Hospital*

GORDON MCKINNEY, D.D.S.
Demonstrator in Dentistry — 4414 Kensington Ave.

ALASTAIR THOMSON MCKINNON, M.A. (Tor.), Ph.D. (Edin.)
Lecturer in Philosophy — *Arts Building*, Apt. 25, 3660 Lorne Crescent

DONALD W. MCKINNON
Lecturer in Commerce — 217 Brookfield Ave., Town of Mt. Royal

JOHN T. MCLEAN, M.D. (Man.)
Demonstrator in Surgery — 1538 Sherbrooke St. W.

W. GILLIES MCLELLAN, B.A., M.D., C.M.
Lecturer in Medicine — 1538 Sherbrooke St. W.

HUGH MACLENNAN, B.A. (Dal.), M.A. (Oxon.), A.M., Ph.D. (Princeton), D.Litt. (Western Ont.).
Associate Professor of English — *Arts Building*, 1575 Summerhill Ave.

RODERICK DIARMD MACLENNAN, M.A. (Edin.)
Macdonald Professor of Philosophy and Chairman of the Department — *Arts Building*, 631 Grosvenor Ave.

ALAISTAIR WILLIAM MACLEOD, B.Sc., M.B., Ch.B., D.P.H. (Glasgow), Dip. Psych. Med., M.R.C.P. (Lond.)
Lecturer in Psychiatry — 531 Pine Ave. W.

CLARKE K. MCLEOD, B.A. (Acadia), M.D., C.M.
Demonstrator in Surgery — 4800 Decarie Blvd.

ROGER EMMETT MCMAHON, D.D.S.
Assistant Professor of Dentistry — 1414 Drummond St.

DAVID ROSS MCMASTER, M.B.E., Q.C., B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 3141 Daulac Rd.

CHARLES WILLIAM MACMILLAN, M.D., C.M. (Dal.), D.P.H. (Tor.)
Associate Professor of Health and Social Medicine — *490 Pine Ave. W.*, 9626 La Salle Blvd., Ville La Salle

GARDNER C. MCMILLAN, M.D., C.M., M.Sc., Ph.D.
Miranda Fraser Associate Professor of Comparative Pathology — *Pathological Institute*, 325 - 41st Ave., Lachine

WILLIAM JAMES MCNALLY, B.A., M.D., C.M. (Dal.), LL.D. (St.F.X.), M.Sc., D.Sc., F.R.C.S. (C.)
Professor of Oto-Laryngology and Chairman of the Department
1509 Sherbrooke St. W.

ERIC A. MCNAUGHTON, M.D., C.M., F.R.C.S. (C.)
Assistant Professor of Surgery
1414 Drummond St.

FRANCIS LOTHIAN MCNAUGHTON, B.A., M.D., C.M., M.Sc.
Associate Professor of Neurology and Assistant Director of the Montreal Neurological Institute
Montreal Neurological Institute
618 Victoria Ave., Westmount

ANNA ISOBEL MCPHERSON, Ph.D. (Chicago), B.A., M.Sc.
Assistant Professor of Physics
Physics Building
24 Fenwick Ave., Montreal West

HUGH ARCHIBALD MCPHERSON, B.A. (Man.), M.A. (Western Ont.)
Lecturer in English
Arts Building
Apt. 16, 3504 Park Ave.

MELVYN MCQUITTY, M.B. (Tor.)
Demonstrator in Medicine Ste. Anne's Hospital, Ste. Anne de Bellevue

DONALD LANE MCRAE, M.D. (Western Ont.)
Assistant Professor of Radiology *Montreal Neurological Institute*

NICHOLAS MACRAKIS, M. Eng.
Demonstrator in Chemical Engineering
Physical Sciences Centre
521 Prince Arthur St. W.

OTTO MAASS, C.B.E., Ph.D. (Harvard), LL.D. (Man.), D.Sc. (Rochester, Laval, and Toronto), M.Sc., F.C.I.C., F.R.S.C., F.R.S.
Macdonald Professor of Chemistry, Chairman of the Department, and Associate Director of the Physical Sciences Centre
Chemistry Building
32 Thornhill Ave.

SAMUEL MADRAS, B.Sc. (Sir Geo. Williams), Ph.D.
Sessional Lecturer in Chemistry
Chemistry Building
Apt. 14, 594 Abercorn Ave., Town of Mt. Royal

ALICE RUBY M. MAJOR, M.A. (Columbia), B.N., R.N.
Lecturer in the School for Graduate Nurses
Beatty Hall
1637 Sherbrooke St. W.

ALLAN CLYDE MALLOCH, B.Sc. (Queen's)
Assistant Professor of Agricultural Engineering *Macdonald College*

JAMES RUSSELL MALLORY, B.A. (U.N.B.), M.A. (Dal.), LL.B. (Edin.)
Associate Professor of Political Science
Arts Building
632 Grosvenor Ave.

CONNOLLY JAMES MALLOY, B.A. (Montréal), M.D., C.M., F.R.C.P. (C.)
Lecturer in Medicine
1509 Sherbrooke St. W.

ROBERT B. MALMO, M.A. (Missouri), Ph.D. (Yale), F.A.P.A.
Associate Professor of Psychology in the Department of Psychiatry
Allan Memorial Institute
6720 Sherbrooke St. W.

BERTRAM MAURICE MANDELBROTE, B.Sc. (Oxon.), M.D., Ch.B. (Cape Town), M.R.C.P. (Lond.), D.P.M. (London Conjoint Board)
Teaching Fellow in Psychiatry
Allan Memorial Institute

PAUL R. MARCHAND, D.D.S.
Assistant Professor of Dentistry — 1538 Sherbrooke St. W.

EDWARD L. MARGETTS, B.A. (U.B.C.), M.D., C.M., Dip. Psych.
Lecturer in Psychiatry — *Allan Memorial Institute*, 4206 Hingston Ave.

PHILLIP L. MARGLES
Demonstrator in Commerce — *Arts Building*, Apt. 5, 4822 Fulton Ave.

LEO MARGOLIS, M.Sc.
Graduate Assistant in Parasitology — *Macdonald College*

ROGER MARIER, M.Sc. Soc., LL.D. (Laval), M.Sc. Soc. Wk. (Catholic U. of Amer.)
Associate Professor in the School of Social Work — *3600 University St.*, 8 Oxford St., Ville St. Laurent

DONALD MARSH, B.A. (U.N.B.), M.A. (Louisiana State), Ph.D. (Illinois)
Professor of Economics and Political Science — *Purvis Hall*, 233 Lakeshore Rd., Pointe Claire

J. STEWART MARSHALL, M.A. (Queen's), Ph.D. (Cantab.)
Associate Professor of Physics and Assistant Director of the Observatory — *Physics Building*, 3535 Carleton Rd.

KATHLEEN MARSHALL, Nurs. Cert. (Tor.), R.N.
Lecturer in the School for Graduate Nurses — *Allan Memorial Institute*

MALCOLM W. MARSTON, D.D.S.
Demonstrator in Dentistry — 1429 Bishop St.

CECIL P. MARTIN, M.A., M.B., Ch.B., Sc.D. (Dublin), M.R.I.A.
Robert Reford Professor of Anatomy and Chairman of the Department — *Medical Building*, 3534 University St.

S. JAMESON MARTIN, M.D., C.M., F.R.C.S. (Edin. and C.)
Assistant Professor of Surgery and of Dentistry — 1414 Drummond St.

STANLEY G. MASON, B.Eng., Ph.D.
Honorary Lecturer in Chemistry — 1610 Sherbrooke St. W.

ANNE MARIE MASSON, B.A. (Strasbourg), M.A. (Paris)
Assistant Professor of Bacteriology and Immunology — *Pathological Institute*, 5597 Canterbury Ave.

WILLIAM H. MATHEWS, M.D., C.M.
Lecturer in Pathology — *Montreal General Hospital*, 270 Laird Blvd.

LOUCAS C. MATSAS, B.A.Sc. (Tor.)
Demonstrator in Mechanical Engineering — *Engineering Building*, 3668 Durocher St.

THOMAS H. MATTHEWS, M.A. (Oxon.), LL.D. (McMaster)
Registrar — *Dawson Hall*, 3450 McTavish St.

GEORGE B. MAUGHAN, M.D., C.M., M.Sc., M.R.C.O.G., F.A.C.S.
Assistant Professor of Obstetrics and Gynaecology — 1414 Drummond St.

WILLIAM ALFRED MAW, M.S.A., F.P.S.
Associate Professor of Poultry Husbandry and Chairman of the Department — *Macdonald College*

JONATHAN FAYETTE MEAKINS, M.A. (Cantab.), M.D., C.M., F.R.C.P. (C.), F.C.C.P.
Lecturer in Medicine — 1390 Sherbrooke St. W.

KENNETH MEEK, Mus. B. (Tor.), L.Mus.
Instructor in Music — *Conservatorium of Music*, 1104 Elgin Terrace

ELIZABETH MEIKLE
Instructor in Handicraft — *Macdonald College*

SAMUEL MELAMED, B.Sc.
Sessional Lecturer in Mathematics — *Engineering Building*, 4866 Melrose Ave.

C. DOUGLAS MELLOR, B.Com., C.A., C.P.A.
Lecturer in Accounting — 4452 Old Orchard Ave

M. DOROTHEA MELLOR, B.Sc., M.D., C.M.
Physician in the Student Health Service — *Royal Victoria College*, 619 Belmont Ave.

KENNETH IVAN MELVILLE, M.D., C.M., M.Sc.
Associate Professor of Pharmacology — *Medical Building*, 4937 Circle Rd

ZDZISTAW ALEXANDER MELZAK, M.Sc.
Demonstrator in Mathematics and in Physics — *Physics Building*, 2027 Jeanne Mance St.

DAVID LOUIS MENDEL, M.D., C.M.
Assistant Professor of Medicine — 423 St. Joseph Boulevard W.

JOHN HAMILTON MENNIE, B.Sc. (Oxon.), M.A. (U.B.C.), Ph.D.
Associate Professor of Chemistry — *Chemistry Building*, 31 Holton Ave., Westmount

WILLIAM CAMPBELL JAMES MEREDITH, Q.C., M.A. (Cantab.)
Dean of the Faculty of Law, Professor of Law, and Chancellor Day Hall — *Building Director of Chancellor Day Hall*, 2047 Mansfield St.

RUSSELL ROY MERIFIELD, B.A., B.C.L., A.C.I.S.
Lecturer in Law — *Chancellor Day Hall*, 27 Jasper Ave., Town of Mt. Royal

BERTHA MEYER, M.A.
Assistant Professor of German — *Arts Building*, 4913 Jean Brillant St.

JEAN L. MILLAR
Instructor in Singing — *Conservatorium of Music*, 25 Union Boulevard, St. Lambert

G. GAVIN MILLER, M.D., C.M., M.Sc., F.R.C.S. (C.), F.A.C.S.
Professor of Surgery and Chairman of the Department — 1390 Sherbrooke St. W.

MAX JOSEPH MILLER, B.Sc. (Sask.), M.D. (Queen's), Ph.D. (Tulane), M.Sc.
Associate Professor of Parasitology — *Macdonald College*

EDWARD SADLER MILLS, M.D., C.M., M.Sc., F.R.C.P. (C.), F.A.C.P.
Professor of Medicine and Director of the Montreal General Hospital University Clinic — *Montreal General Hospital*

ARTHUR MILLINGTON MINNION, B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*
1166 Laird Blvd., Town of Mount Royal

ARNOLD W. MITCHELL, D.D.S.
Lecturer in Dentistry — 1414 Drummond St.

DONALD S. MITCHELL, B.Sc., M.D. (Northwestern)
Lecturer in Medicine — 1414 Drummond St.

HOWARD SCOTT MITCHELL, B.A., M.D. (Queen's), F.A.C.P.
Associate Professor of Medicine — 1414 Drummond St.

JAMES E. MITCHELL, Q.C., B.A., LL.B. (Dal.), B.C.L. (Oxon.)
Lecturer in Law — *Chancellor Day Hall*
4692 Grosvenor Ave.

ROGER VICTOR MIZRAHI, Dip.E.E. (Swiss Fed. Inst. Tech.)
Demonstrator in Electrical Engineering — *Engineering Building*
1438 Mackay St.

GERTRUD H. F. MLADENOVIC (MRS. M.)
Sessional Lecturer in German — *Arts Building*
Apt. 17, 1230 Crescent St.

MILOS MLADENOVIC, B.Com., M.L. (Belgrade), D.LL., D.-ès-Sc. Pol., D.-ès-Sc. Econ., Dip. des Hautes Etudes Soc. (Paris)
Assistant Professor of History — *Arts Building*
Apt. 17, 1230 Crescent St.

CHARLES F. MOFFATT, B.A., M.D., C.M., F.A.C.P.
Assistant Professor of Medicine — 1414 Drummond St.

ALBERT EDWARD MOLL, B.C.L., M.D., C.M.
Associate Professor of Psychiatry — 1414 Drummond St.

AL MOLLOY
Coach in Athletics — *Currie Gymnasium*
3406 Northcliffe Ave.

J. D. R. MONTEITH
Demonstrator in Commerce — 5140 Westmore Ave.

THOMAS H. MONTGOMERY, M.C., B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*
120 Easton Ave., Montreal West

CLAUDE AUGUSTUS MOORE, M.D. (Western Ont.), F.R.C.S. (C.)
Demonstrator in Surgery — *Montreal General Hospital*

GEORGE A. MOORE
Curator of Entomology — *Redpath Museum*
Apt. 80, 12 Amesbury Ave.

JOHN JAMES OLIVER MOORE, A.B. (Missouri), M.A. (Denver), Ed.D. (Columbia)
Professor of Social Work and Director of the School of Social Work — *3600 University St.*
3280 Ridgewood Ave.

DONALD LOUIS MORDELL, M.A. (Cantab.), A.M.I.M.E., A.F.R.Ae.S., M.E.I.C., Mem. A.S.M.E.
Thomas Workman Professor of Mechanical Engineering and Director of the Gas Dynamics Laboratory — *Engineering Building*
359 Lakeshore Rd., Pointe Claire

JOSEPH MORETTI
Instructor in Clarinet (Post-retirement) — *Conservatorium of Music*
5 Springfield Ave.

THEODORE FRANKLIN MORRIS, Ph.D. (Tor.)
Assistant Professor of Mathematics — *Physical Sciences Centre*
114 Dobie Ave., Town of Mount Royal

FRANK ORVILLE MORRISON, B.A., M.Sc. in Agr. (Alta.), Ph.D.
Associate Professor of Entomology — *Macdonald College*

ROBERT GEORGE KERR MORRISON, B.A.Sc. (Tor.), M.I.M.M., P.Eng. (Aus.)
Macdonald Professor of Mining Engineering and Chairman of the Department — *Physical Sciences Centre*
6195 Notre Dame de Grace Ave.

ELIZABETH SCHWOB MORTON (MRS. JAMES), A.Mus.
Instructor in Pianoforte and in Theoretical Subjects
Conservatorium of Music
Apt. 30, 148 Cote St. Antoine Rd.

HARRY STAFFORD MORTON, O.B.E., B.A., M.Sc. (Dal.), M.B. (Lond.), M.R.C.O.G., F.R.C.S. (Eng. and C.), F.A.C.S.
Assistant Professor of Surgery
900 Sherbrooke St. W.

HERBERT FREDERICK MOSELEY, M.A., D.M., M.Ch. (Oxon.), B.A., F.R.C.S. (Eng. and C.), F.A.C.S.
Assistant Professor of Surgery
1414 Drummond St.

MARIE MADELEINE MOTTOLA, B.A.,
Assistant Warden of the Royal Victoria College — *Royal Victoria College*

DORIS S. MOWELS (MRS. JOHN), B.Sc.(H.Ec.)
Lecturer in the School of Household Science — *Macdonald College*

DANIEL PRESCOTT MOWRY, D.D.S., F.A.C.D., F.R.C.D.S. (Eng.)
Dean of the Faculty of Dentistry and Professor of Periodontia
Donner Building
4153 Marlowe Ave.

JOHN ELLIS MOXLEY, B.Sc. (Agr.)
Lecturer in Animal Husbandry
Macdonald College

DAVID MUHLSTOCK, D.D.S.
Demonstrator in Dentistry
5064 Park Ave.

S. IVEAGH MUNRO, B.Sc., M.A. (Columbia), Dip. M.S.P.E.
Associate Professor and Director for Women in the Department of Athletics, Physical Education, and Recreation — *Royal Victoria College*
Apt. 201, 1535 Summerhill Ave.

DAVID CLIMIE MUNROE, M.A.
Director of the School for Teachers and Professor of Education
Macdonald College

DAVID ROSS MURPHY, B.Sc., M.D., C.M., F.R.C.S. (C.)
Hosmer Teaching Fellow and Demonstrator in Surgery
1538 Sherbrooke St. W.

RICHARD JOSEPH FRANCIS MURPHY, B.Sc., M.D., C.M. (Dal.)
Hosmer Teaching Fellow and Demonstrator in Medicine 3448 Peel St.

DAWN MURRAY,
Demonstrator in the School of Physical and Occupational Therapy
Beatty Hall
Apt. 1, 3643 University St.

EVERITT GEORGE DUNNE MURRAY, O.B.E., M.A. (Cantab.), L.M.S.S.A. (Lond.), F.R.S.C.
Professor of Bacteriology and Immunology, and Chairman of the Department
Pathological Institute
1559-A Pine Ave. W.

HAROLD ROBERTS MURRAY, B.S.A. (Tor.), M.Sc. (Cornell)
Associate Professor of Horticulture and Chairman of the Department
Macdonald College

LOUIS GEORGE MURRAY, M.Sc. (Cape Town)
Demonstrator in Geological Sciences *Physical Sciences Centre*
3426 Stanley St.

VIRGINIA E. MURRAY, M.A. (Columbia), B.L.S.
Assistant Professor of Library Science *Redpath Library*
4323 Western Ave.

H. LINDSAY MUSSELLS, D.D.S.
Demonstrator in Dentistry 4460 Sherbrooke St. W.

PIERRE CHARLES NARDIN, L.-ès-L., Diplomé d'Etudes Supérieures (Nancy), D.E.S. (Besançon), Agrégé et Docteur-ès-Lettres de l'Université de France
Professor of French *Arts Building*
4660 Queen Mary Rd.

CANON R. KENNETH NAYLOR, L.Th. (Diocesan Theol. Coll., Mtl.), B.A.
Lecturer in Divinity *Divinity Hall*
3461 Northcliffe Ave.

HELEN RIDOUT NEILSON, M.B.E., B.H.S., M.Sc.
Director of, and Assistant Professor in, the School of Household Science
Macdonald College

STANLEY ALEXANDER NEILSON, B.Sc.
Assistant Professor of Civil Engineering *Engineering Building*
52 Arlington Ave., Westmount

ALEXANDER RENFREW NESS, B.S.A.
Professor of Animal Husbandry and Chairman of the Department
Macdonald College

OWEN MACGREGOR NESS, B.Sc. (Agr.)
Warden of the Men's Residence *Macdonald College*

LLOYD GEORGE STEPHENS NEWSHAM, B.A. (Sask.), Ph.D.
Assistant Professor of Physics in the Department of Radiology
Royal Victoria Hospital

DOROTHY A. NICHOL, B.Sc. (P.Ed.)
Instructor in Athletics, Physical Education, and Recreation
Royal Victoria College
17 Dobie Ave., Town of Mount Royal

GEORGE VAN VLIET NICHOLLS, B.A., B.C.L.
Lecturer in Law
Chancellor Day Hall
1 Rosemount Ave.

JOHN VAN VLIET NICHOLLS, B.A., M.D., C.M., M.Sc., F.A.A.O.O.
Assistant Professor of Ophthalmology
1414 Drummond St.

ROBERT VAN VLIET NICHOLLS, M.Sc., Ph.D., F.C.I.C., F.C.S.
Associate Professor of Chemistry
Chemistry Building
20237 Lakeshore Rd., Baie d'Urfé

HELEN M. NICHOLSON
Lecturer in the School of Physical and Occupational Therapy and Assistant Director of the School
Beatty Hall
Apt. 3, 1425 St. Matthew St.

LEONIDAS GEORGE NICOLOPOULOS, B.A. (Cantab.),
Assistant in Economics and Political Science
Purvis Hall
Apt. 6, 3511 Shuter St.

NIKOLAI NIKOLAICZUK, M.Sc. (Alta.), Ph.D. (Ohio State)
Associate Professor of Poultry Husbandry
Macdonald College

JOHN A. NOLAN, B.A., B.C.L.
Lecturer in Law
Chancellor Day Hall
1619 Ducharme Ave.

MYRON NOTKIN, M.D., C.M.
Demonstrator in Medicine
Medical Building
1538 Sherbrooke St. W.

JAN MARIA NOVOTNY, Jur. Univ. Dr. (Charles Univ., Prague)
Research Associate in Economics
Purvis Hall
379 Elm Ave.

VICTOR FRANCIS OBECK, B.S. (Springfield), M.A. (Columbia)
Director of Athletics, Physical Education, and Recreation, and Director of the Sir Arthur Currie Memorial Gymnasium-Armoury
Currie Gymnasium
4128 Hampton Ave.

PETER OBORIN, M.D. (Saratov)
Teaching Fellow in Physiology
Biological Building
Apt. 16, 3564 Shuter St.

JOHN L. O'BRIEN, Q.C., B.A., B.C.L.
Professor of Law
Chancellor Day Hall
507 Place d'Armes

J. BRENDAN O'CONNOR, B.A. (Loyola), B.C.L.
Lecturer in Law
Chancellor Day Hall
462 Lansdowne Ave.

JOHN PALMER OGILVIE, Ph.D. (California), B.Eng.
Associate Professor of Metallurgical Engineering
Physical Sciences Centre
49 Melbourne Ave., Town of Mount Royal

NORMAN OLER, B.Sc.
Lecturer in Mathematics
Arts Building
5305 Van Horne Ave.

W. Fraser Oliver, B.A. (McMaster), M.A., Ph.D. (Tor.) (on leave of absence)
Associate Professor of Agricultural Physics — *Macdonald College*

Orvil A. Olsen, B.S.A. (Sask.), M.Sc. (Man.)
Assistant Professor of Plant Pathology — *Macdonald College*

Jerzy Olszewski, M.D. (Freiburg)
Assistant Professor of Neuroanatomy — *Montreal Neurological Institute*, 3660 Lorne Crescent

James Henry O'Neill, B.Sc. (St. F. X.), M.D., C.M.
Demonstrator in Paediatrics — Apt. 16, 1509 Sherbrooke St. W.

Svenn Orvig, B.Sc. (Oslo)
Sessional Lecturer in Geography — *Bishop Mountain House*, 12 Forden Ave.

Peter Earl O'Shaughnessy, M.D., C.M.
Demonstrator in Anaesthesia — *St. Mary's Hospital*

Peter A. Ostapovitch, D.D.S.
Demonstrator in Dentistry — 3482 Park Ave.

George R. W. Owen, B.C.L., M.A.
Lecturer in Law — *Chancellor Day Hall*, 215 St. James St. W.

Andrejs Pakalnins, Dip. Eng. (Charlottenburg), D.Sc. (Latvia)
Assistant Professor of Civil Engineering — *Engineering Building*, Apt. 7, 1525 St. Mark St.

John Dickinson Palmer, B.A. (U.N.B.), M.D., C.M.
Demonstrator in Surgery — 1414 Drummond St.

John Hammond Palmer, M.D., C.M., F.A.C.P., F.R.C.P. (Lond. and C.)
Assistant Professor of Medicine — 2162 Sherbrooke St. W.

Jules Peter Arthur Paré, B.Sc., M.D., C.M.
Demonstrator in Medicine and Research Assistant in the Medical Clinic — *Royal Victoria Hospital*, Apt. 61, 3975 Cavendish St.

André F. Pasquet, M.D. (Queen's), D.A.
Lecturer in Anaesthesia — *Montreal Neurological Institute*

Rodney A. Patch, B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, Apt. 5, 3425 Peel St.

Chauncey Johnson Pattee, B.A. (Bishop's), M.D., C.M., M.Sc.
Assistant Professor of Medicine — 1390 Sherbrooke St. W.

Reginald Andrew Patterson, B.A. (Mount Allison), B.Paed. (Tor.)
Lecturer in Mathematics — *Engineering Building*, 655 Davaar Ave.

Donald R. Patton, B.Com., C.A., R.I.A.
Associate Professor of Accountancy — 660 St. Catherine St. West

TOMAS JAN F. PAVLASEK, M.Eng.
Lecturer in Electrical Engineering and Assistant Warden of Douglas Hall — *Engineering Building*, Douglas Hall

FREDERICK RAY PECK
Assistant Purchasing Agent — *3480 University St.*, 25 Maple Ave., Ste. Anne de Bellevue

SIDNEY PEDVIS, B.Sc., M.D., C.M.
Demonstrator in Paediatrics — 1374 Sherbrooke St. W.

CARLETON BARNHART PEIRCE, A.B., M.Sc., M.D. (Michigan), F.A.C.P.
Professor of Radiology and Chairman of the Department — *Royal Victoria Hospital*, 55 Aberdeen Ave.

RUTH MATHILDE PELTIER, B.A.
Assistant to the Director of the McGill Placement Service — *3574 University St.*, Apt. 10, 2028 Victoria St.

WILDER PENFIELD, C.M.G., Litt.B., Hon.D.Sc. (Princeton), M.D. (Johns Hopkins), B.Sc., M.A., D.Sc. (Oxon.), F.R.C.S. (Eng. and C.), F.R.S.C., F.R.S.
Professor of Neurology and Neurosurgery, Chairman of the Department, and Director of the Neurological Institute — *Montreal Neurological Institute*, 4302 Montrose Ave.

RICHARD PENNINGTON, B.A. (Birmingham), Library Diploma (Lond.)
University Librarian and Lecturer in the Library School — *Redpath Library*, 241 Ballantyne Ave. N., Montreal West

EUGÈNE PÉPIN, Chevalier de la Légion d'Honneur, Baccalauréat (Chinon), Licencié en droit (Paris), L.-ès-L. (Sorbonne)
Lecturer in the Institute of International Air Law — *Chancellor Day Hall*, 900 Sherbrooke St. W.

ELEANOR SUSAN PERCIVAL, B.A., M.D., C.M., F.R.C.S. (C.)
Assistant Professor of Obstetrics and Gynaecology — 1374 Sherbrooke St. W.

ADÈLE PATRICIA PÉRON, B.Sc. (P.Ed.)
Lecturer in the School for Teachers — *Macdonald College*, 4337 Old Orchard Ave.

JAMES GORDON PETRIE, M.D., C.M.
Assistant Professor of Surgery — 1374 Sherbrooke St. W.

DONALD WILLIAM PETTIT, B.S.A. (Tor.)
Lecturer in Horticulture — *Macdonald College*

ANN PEVERLEY, B.S. (Columbia), R.N.
Assistant Professor in the School for Graduate Nurses — *Beatty Hall*, Apt. 63, 418 Claremont Ave.

ARTHUR L. PHELPS, B.A. (Tor.), F.R.S.C.
Professor of English — *Arts Building*, Apt. 4, 1420 Pine Ave. W.

JOHN BERNARD PHILLIPS, M.Sc., Ph.D., F.C.I.C.
Professor of Chemical Engineering, Chairman of the Department, and Group Chairman of the Departments of Chemical Engineering, Mining, and Metallurgy — *Physical Sciences Centre*, 29 Corona St., Rosemere

NEWELL WELLAND PHILPOTT, M.D., C.M., F.R.C.O.G., F.A.C.S., F.R.C.S. (C.)
Professor of Obstetrics and Gynaecology and Chairman of the Department
Royal Victoria Hospital

JOSEPH STEWART POLSON, B.A., M.D., C.M.
Demonstrator in Medicine and in Clinical Medicine 1414 Drummond St.

STEPHEN W. PORTER, B.A., M.F.A. (Yale)
Assistant Professor of English *Arts Building*
Apt. 8, 570 Milton St.

JOSEPH PORTNUFF, M.D. (Man.)
Demonstrator in Obstetrics and Gynaecology 1441 Crescent St.

CALVIN CUTHBERT POTTER, B.Sc. (Sir Geo. Williams), M.Com.
Assistant in Economics and Political Science *Duggan House*
6860 Monkland Ave.

VICTOR E. POTTER, D.D.S.
Demonstrator in Dentistry 2224 Dorchester St. W.

WINIFRED IRENE POTTER, M.A. (Tor.), Ph.D. (Bryn Mawr)
Lecturer in English *Arts Building*
6860 Monkland Ave.

ELTON ROY POUNDER, B.Sc., Ph.D
Associate Professor of Physics and Associate Director of the Macdonald Physics Building *Physics Building*
4635 Royal Ave.

MIQUEL PRADOS Y SUCH, B.A. (Granada), M.D. (Madrid)
Associate Professor of Psychiatry *Allan Memorial Institute*
432 Metcalfe Ave., Westmount

R. CRANFORD PRATT, B.Phil. (Oxon.), B.A.
Lecturer in Economics *Purvis Hall*
4393 Melrose Ave.

H. GURTH PRETTY, M.D., C.M , F.A.C.S., D.A.B.S.
Assistant Professor of Surgery 1414 Drummond St.

THOMAS PRIMROSE, B.Sc., A.R.T.C. (Glasgow), M.B., Ch.B. (Edin.)
Lecturer in Obstetrics and Gynaecology 1374 Sherbrooke St. W.

FRANCES HAZEN PRISSICK, B.A., M.D., C.M.
Lecturer in Bacteriology and Immunology *Children's Memorial Hospital*
27 Bellevue Ave.

JOSEPH EDWARD PRITCHARD, M.D. (Man.)
Associate Professor of Pathology *Montreal General Hospital*
239 Lazard Ave., Town of Mount Royal

PHILIP T. R. PUGSLEY, B.Com., C.A.
Lecturer in Accounting *Arts Building*
Apt. 507, 1555 Summerhill Ave.

CLIFFORD B. PURVES, B.Sc., Ph.D. (St. Andrews), D.Sc. (Lawrence College)
E. B. Eddy Professor of Industrial and Cellulose Chemistry
Pulp and Paper Building
2 Hudson Ave., Westmount

JOHN LINES PURVIS, B.Sc.
Demonstrator in Biochemistry *Biological Building*
3655 Oxenden Ave.

RUDOLF PUTNAERGLIS, Dip. Mech. Eng. (Latvian U.), P.Eng.
Sessional Lecturer in Mechanical Engineering — *Engineering Building*
Apt. 17, 1228 Crescent St.

ROBERT LAVALLIN PUXLEY
Assistant to the Comptroller — *Dawson Hall*
Hudson Heights

ALBERT E. PYE, B.Sc., D.D.S.
Demonstrator in Dentistry — 1414 Drummond St.

JUDA HIRSCH QUASTEL, Ph.D. (Cantab.), D.Sc. (Lond.), F.R.I.C., F.R.S.
Professor of Biochemistry — *Montreal General Hospital Research Institute*
3488 Northcliffe Ave.

THOMAS JAMES QUINTIN, M.D., C.M., F.A.C.P.
Lecturer in Medicine — 120 Queen St. N., Sherbrooke

HERBERT SAMUEL RABINOWITZ, B.Sc. (C.C.N.Y.)
Sessional Lecturer in Psychology — 490 Prince Arthur St. W.

ARTHUR GERALD RACEY, D.D.S., F.A.C.D.
Associate Professor of Dentistry — 1414 Drummond St.

GEORGE RAMSAY
Manager of the Book Store — *3480 University St.*
4546 Wilson Ave.

MAX RATNER, M.D., C.M.
Demonstrator in Surgery — 1538 Sherbrooke St. W.

JOAN C. RATTENBURY, Ph.D. (California), M.Sc.
Lecturer in Zoology — *Biological Building*
3545 Hutchison St.

LEE CARLTON RAYMOND, M.S. (Wisconsin), B.S.A.
Professor of Agronomy and Chairman of the Department — *Macdonald College*

GEORGE ERNEST REED, M.B. (Tor.), F.A.P.A.
Assistant Professor of Psychiatry — *Allan Memorial Institute*
P.O. Box 6034, Montreal

HOWARD REED, B.A. (Yale), M.A., Ph.D. (Princeton)
Assistant Professor in, and Assistant Director of, the Institute of Islamic Studies — *3520 University St.*
4663 Victoria Ave.

ERNEST ALLAN STEWART REID, B.A., M.D., C.M.
Demonstrator in Medicine — 410 Stanstead Ave., Town of Mount Royal

R. GRANT REID, M.D., C.M.
Assistant Professor of Surgery — 1414 Drummond St.

W. STANFORD REID, Th.M. (Westminster), Ph.D. (Pennsylvania), M.A.
Associate Professor of History and Warden of Douglas Hall — *Arts Building*
Douglas Hall

WALTER A. REID, B.Com. (Queen's), C.P.A.
Internal Auditor — *Dawson Hall*
228 St. Charles Rd., Beaconsfield

MARIE-THÉRÈSE REVERCHON, O.I.P., L.-ès-L., Diplômée d'Études Supérieures (Paris), Agregée de l'U. de France
Lecturer in Romance Languages — *Arts Building*, Apt. 4, 50 Academy Rd.

ROBERT L. RICE, M.Sc. (Mt. Allison)
Demonstrator in Chemistry — *Chemistry Building*, 3629 Oxenden Ave.

ARTHUR DOUGLAS RICHARDSON, D.D.S.
Lecturer in Dentistry — 1414 Drummond St.

CLAUDE S. RICHARDSON, Q.C., LL.B. (Dalhousie), M.A. (Acadia)
Lecturer in Law — *Chancellor Day Hall*, 360 St. James St. W.

JOHN EVANS RIDDELL, B.Eng., M.Sc.
Assistant Professor of Geological Sciences — *Physical Sciences Centre*, St. Hilaire

SHEILA STEWART RIDDELL
Lecturer in the School of Physical and Occupational Therapy — *Beatty Hall*, Apt. 817, 1455 Drummond St.

ANDRÉ ALBERT RIGAULT, Licencié-ès-Lettres, Diplômé d'Études Supérieures (Paris)
Assistant Professor of French — *Arts Building*, 1465 Bernard Ave. W.

CHARLES RITTENHOUSE, M.A.
Sessional Lecturer in Education — *Arts Building*, 3460 McTavish St.

CHARLES ALEXANDER ROBB, S.M. (M.I.T.), D.Eng. (Johns Hopkins), B.Sc., P.Eng., M.E.I.C., M.A.S.M.E., M.I.M.E.
Professor of Mechanical Engineering and Chairman of the Department — *Engineering Building*, 549 Landsdowne Ave.

J. PRESTON ROBB, M.D., C.M., M.Sc.
Assistant Professor of Neurology and Executive Assistant in the Montreal Neurological Institute — 1610 Pine Ave. W.

ROCQUE ROBILLARD, B.Sc.
Instructor in Athletics — *Currie Gymnasium*, Apt. 32, 4251 Marcil Ave.

WILLIAM SHERMAN RODGER, M.D., C.M.
Lecturer in Medicine — 221 South St., Cowansville

JAMES TERENCE ROGERS, M. Eng.
Lecturer in Mechanical Engineering — *Engineering Building*, 605 Lansdowne Ave.

MERVIN A. ROGERS, B.A. (Bishop's), D.D.S.
Demonstrator in Dentistry — 1534 Crescent St.

TADEUSZ ROMER, Licencié-ès-Sciences Politiques et Sociales (Lausanne)
Lecturer in Romance Languages — *Arts Building*, Apt. 21, 495 Prince Arthur St. W.

HOWARD ROOT, M.Sc. (M.I.T.), M.D., C.M.
Demonstrator in Anatomy — Apt. 406, 3777 Cote des Neiges Rd.

MURIEL V. ROSCOE, A.M., Ph.D. (Radcliffe), D.Sc. (Acadia), LL.D. (Queen's)
Warden of the Royal Victoria College, Professor of Botany, and Chairman of the Department — *Royal Victoria College*

BRAM ROSE, B.A., M.D., C.M., M.Sc., Ph.D.
Associate Professor of Medicine — *Royal Victoria Hospital*, 636 Victoria Ave., Westmount

RAYMOND GILLIES ROSE, M.D., C.M.
Hosmer Teaching Fellow in Medicine — *Montreal General Hospital*

LOUIS JULIUS ROSEN, D.D.S.
Lecturer in Dentistry — 1410 Stanley St.

EDWARD ROSENTHALL, Ph.D. (Calif. Inst. of Tech.), M.Sc.
Associate Professor of Mathematics — *Engineering Building*, Apt. 2, 796 Champagneur Ave.

AILEEN DANSKEN ROSS, B.Sc. (Econ.) (Lond.), M.A., Ph.D. (Chicago)
Assistant Professor of Sociology — *Arts Building*, 1515 Chomedy St.

ALAN ROSS, M.D., C.M.
Associate Professor of Paediatrics and of Dentistry — 1414 Drummond St.

ARCHIBALD STEWART ROSS, B.A. (Western Ont.), A.M. (Oberlin), Ph.D.
Assistant Professor of Chemistry — *Chemistry Building*, 3432 Peel St.

DUDLEY E. ROSS, E.D., M.D., C.M., M.Sc., F.A.C.S., F.R.C.S. (C.).
Associate Professor of Surgery — *Children's Memorial Hospital*

EDITH EAGER ROSS (MRS.), L.Mus.
Instructor in Pianoforte — *Conservatorium of Music*, 111 Blenheim Place

HOWARD I. ROSS, O.B.E., M.A. (Oxon.), B.A., C.A.
Lecturer in Commerce — 360 St. James St. W.

HUGH GRAHAM ROSS, E.D., M.D., C.M.
Lecturer in Health and Social Medicine — 990 Notre Dame St. W.

JAMES HAMILTON ROSS, D.Sc. (Geneva), B.Sc.
Honorary Lecturer in Chemistry — 1669-b Sherbrooke St. W.

VERNON ROSS, B.S. in Lib. Sci. (Columbia), M.A.
Director of, and Associate Professor in, the Library School — *Redpath Library*, 3015 Sherbrooke St. W.

WILLIAM BRUCE ROSS, M.Sc., Ph.D.
Assistant Professor of Mathematics and Assistant Registrar — *Dawson Hall*, Apt. 15, 3610 Durocher St.

J. HOLDEN ROUTLEDGE, M.D., C.M.
Lecturer in Obstetrics and Gynaecology — 1414 Drummond St.

PHILIP GEORGE ROWE, B.Sc., M.D., C.M., F.R.C.S. (C.)
Professor of Surgery — 1414 Drummond St.

WILLIAM ROWLES, B.Sc. (Sask.), M.Sc., Ph.D.
Professor of Agricultural Physics and Chairman of the Department — *Macdonald College*

HOWARD ERNEST CHARLES RUBIE, B.Sc. (Oxon.)
McGill University Representative in Great Britain
Dulwich College, London, S.E.21, England

JACK H. RUBIN, B.Sc., M.D., C.M., F.C.C.P.
Demonstrator in Medicine 1564 Van Horne Ave.

DONALD WILLIAM H. RUDDICK, B.A., M.D., C.M., F.R.C.S.
Demonstrator in Surgery 1491 Crescent St.

R. ARNOLD RUSSELL, C.A.
Demonstrator in Commerce 4840 Beaconsfield Ave.

JAMES RUTHERFORD
Demonstrator in Commerce *Arts Building*

HOWARD RICHARDSON RYAN, B.A. (Acadia), B.P.E. (Springfield)
Assistant Professor of Physical Education and Director of Intramural Athletics *Currie Gymnasium*
3431 Jeanne Mance St.

MICHAEL T. RYAN, M.Sc. (N.U. of Ireland)
Demonstrator in Biochemistry *Biological Building*

RICHARD PATRICK WILLIAM RYAN, B.A. (Loyola), D.D.S.
Demonstrator in Dentistry 3410 Benny Ave.

TALAT SALMAN, M.Eng.
Sessional Lecturer in Mining Engineering *Physical Sciences Centre*
1361 Ducharme Ave.

HERBERT SAMPSON, M.A. (U.B.C.)
Demonstrator in Psychology *Chancellor Day Hall*
4685 Westmount Ave.

VINCENT ALEXANDER SAUL, D.Sc. (M.I.T.), B.Sc.
Assistant Professor of Geological Sciences *Physical Sciences Centre*
5754 Hutchison St.

ANNIE DOUGLAS SAVAGE
Sessional Lecturer in Education *Arts Building*
4090 Highland Ave.

ERNEST EDWARD SCHARFE, M.D., C.M., D.L.O.
Assistant Professor of Oto-Laryngology 1414 Drummond St.

IVAN H. SCHEIER, B.A. (Union)
Sessional Lecturer in Psychology *Chancellor Day Hall*
4646 Roslyn Ave.

HAROLD IRVIN SCHIFF, Ph.D. (Tor.)
Assistant Professor of Chemistry *Chemistry Building*
Apt. 6, 4925 Maplewood Ave.

HARRY SCHIFF, M.Sc.
Lecturer in Mathematics *Physical Sciences Centre*
Apt. 202, 1468 Crescent St.

WALTER HERBERT SCHIPPEL, B.Sc., M.Eng.
Associate Professor of Electrical Engineering *Engineering Building*
117 Graham Boulevard, Town of Mount Royal

PAULA HELEN SCHOPFLOCHER, M.D. (Heidelberg)
Demonstrator in Medicine 789 Upper Belmont Ave.

FRANK R. SCOTT, B.A. (Oxon. and Bishop's), B.Litt. (Oxon.), B.C.L., F.R.S.C. (on leave of absence)
Professor of Law — *Chancellor Day Hall*, 451 Clarke Ave., Westmount

HALDANE RUPERT SCOTT, B.Sc. (Acadia), Sc.M., Ph.D. (Brown)
Assistant Professor of Zoology — *Biological Building*, Rear, 3560 University St.

HENRY JAMES SCOTT, B.A., M.D., F.R.C.S. (C.)
Demonstrator in Surgery — 5039 Victoria Ave.

JEAN C. SCOTT (MRS. H. R.), B.A. (Brown)
Demonstrator in Zoology — *Biological Building*, Rear, 3560 University St.

ROBERT SCOTT, B.A. (U.B.C.)
Demonstrator in Chemistry — *Chemistry Building*, 4859 Wilson Ave.

ROBERT BALGARNIE YOUNG SCOTT, B.D. (Knox), M.A., Ph.D. (Tor.), D.D. (Vic.)
Professor of Old Testament Language and Literature — *Divinity Hall*, 3508 University St.

JESSIE BOYD SCRIVER (MRS. W. DE M.), B.A., M.D., C.M., F.R.C.P. (C.), F.A.A.P.
Assistant Professor of Paediatrics — 1390 Sherbrooke St. W., 510 Roslyn Ave.

WALTER DE M. SCRIVER, M.A., M.D., C.M., F.R.C.P. (C.), F.A.C.P.
Professor of Medicine and Associate Professor of Therapeutics — 1374 Sherbrooke St. W., 510 Roslyn Ave.

HAROLD NATHAN SEGALL, M.D., C.M., F.A.C.P.
Assistant Professor of Medicine — 1538 Sherbrooke St. W.

PAUL SEKELJ, B.E., Dr. Elect. Physics (Badiche Techn. Hoch., Karlsruhe)
Assistant Professor of Physiology — *Biological Building*, Apt. 9, 3250 Ridgewood Ave.

MAGNUS IGNATIUS SENG, M.D. (Texas), F.R.C.S. (C.)
Lecturer in Urology — 1538 Sherbrooke St. W.

FRANCES ANNA SEXSMITH, B.A. (Tor.)
Lecturer in the School for Teachers — *Macdonald College*

CHARLES SHAGASS, M.S. (Rochester), M.D., C.M.
Lecturer in Psychiatry — *Allan Memorial Institute*

JAMES GRANT SHANNON, M.D. (Tor.), F.A.C.S.
Assistant Professor of Surgery — 1414 Drummond St.

LORNE SHAPIRO, M.D., C.M.
Lecturer in Medicine — 4123 Sherbrooke St. W.

LEILA VAIL SHARP, M.A. (Montana)
Demonstrator in Physics — *Physics Building*, Apt. 2, 2038 Metcalfe St.

SETH KINMAN SHARPLESS, A.M. (Chicago)
Demonstrator in Psychology — *Donner Building*, 3426 Hutchison St.

FRANK W. SHAVER, M.D., C.M.
Lecturer in Oto-Laryngology — 1374 Sherbrooke St. W.

FREDERICK SHIPPAM, M.D., C.M., M.R.C.P. (Edin.)
Demonstrator in Paediatrics — 1538 Sherbrooke St. W.

DAVID T. SHIZGAL, D.D.S.
Demonstrator in Dentistry — 1396 St. Catherine St. W.

ISRAEL SHRAGOVITCH, M.D., C.M.
Demonstrator in Surgery — 1538 Sherbrooke St. W.

ERIC COLVILLE SIEVWRIGHT, B.Sc. (Econ.) (Lond.), M.A.
Assistant in Economics and Assistant Warden of Wilson Hall — *Purvis Hall*, Wilson Hall

RAISSA SILOV, M.D. (Dorpat)
Lecturer in Bacteriology — *Pathological Institute*, 3305 Goyer St.

BARUCH SILVERMAN, M.D., C.M., F.A.P.A., F.A.A.M.D.
Associate Professor of Psychiatry and Lecturer in Health and Social Medicine. — 531 Pine Ave. W.

BEATRICE VINA SIMON, M.A., Dip. L.S.
Assistant University Librarian — *Redpath Library*, Apt. 12, 5600 Decelles Ave.

MORRIS A. SIMON, B.A., M.D. (Western Reserve)
Demonstrator in Pathology — 279 Kenaston Ave., Town of Mount Royal

GEORGE ALBERT SIMPSON, M.D., C.M., F.R.C.O.G., F.A.C.S.
Assistant Professor of Obstetrics and Gynaecology — *Royal Victoria Hospital*, 462 Wood Ave.

MARGERY EILEEN SIMPSON, B.A.
Senior Assistant in English — *Arts Building*, Apt. 207, 3425 Ridgewood Ave.

HAZEN E. SISE, B.Sc. (Arch.) (M.I.T.), M.R.A.I.C., A.R.I.B.A.
Sessional Lecturer in the School of Architecture — *3484 University St.*, 1535 Bishop St.

CLIFFORD HUMPHREY SKITCH, B.A., M.D. (Alta.)
Lecturer in Psychiatry — *Verdun Protestant Hospital*

HARRY M. SLATER, M.D. (Tor.)
Lecturer in Anaesthesia — *Children's Memorial Hospital*, 4035 Maplewood Ave.

ROBERT HENRY LAWSON SLATER, M.A. (Cantab.), Ph.D. (Columbia)
Professor of Systematic Theology — *Divinity Hall*, 3475 University St.

HERMAN MOSES SLATIS, S.B., Ph.D. (Chicago)
Assistant Professor of Genetics — *Biological Building*, Apt. 19, 3422 Durocher St.

STANTON SUTHERLAND SMAILL, D.D.S.
Lecturer in Dentistry and Demonstrator in Anatomy 1414 Drummond St.

ALFRED ARTHUR SMITH, M.A. (Queen's)
Research Associate in Psychiatry *Allan Memorial Institute*
5204 Montclair Ave., N.D.G.

BERNARD HOOPER SMITH, M.B., Ch.B. (Aberdeen), M.R.C.P. (Lond.), D.P.M.
Lecturer in Neurology, and Assistant Registrar and Research Fellow of the M.N.I. *Montreal Neurological Institute*

CLIFFORD B. SMITH, B.A., M.D., C.M.
Demonstrator in Medicine 1538 Sherbrooke St. W.

DOUGLAS H. SMITH
Demonstrator in Commerce *Arts Building*

E. CAROLINE SMITH (MRS. M. E.), M.Sc.
Sessional Lecturer in Mathematics *Arts Building*
1145 Graham Blvd., Town of Mt. Royal

E. JOHN SMITH, M.D., C.M. (Dal.)
Demonstrator in Otolaryngology 1538 Sherbrooke St. W.

EMERSON S. SMITH, M.D., C.M., F.A.C.S., F.R.C.S. (C.)
Clinical Professor of Surgery 1390 Sherbrooke St. W

F. McIVER SMITH, M.D., C.M., M.Sc., F.A.C.P.
Assistant Professor of Medicine 4342 Sherbrooke St. W.

SYDNEY ALWYN SMITH, M.D., C.M.
Hosmer Teaching Fellow in Medicine *Royal Victoria Hospital*
Apt. 2, 1651 Lincoln Ave.

WILFRED CANTWELL SMITH, B.A. (Tor.), Ph.D. (Princeton)
W. M. Birks Professor of Comparative Religion and Director of the Institute of Islamic Studies *Divinity Hall*
4230 Beaconsfield Ave., N.D.G.

W. ANGUS SMYTH, B.Com.
Lecturer in Accounting 16 Kilburn Crescent

ROSALIE SOFIN (MRS. W.), M.A.
Demonstrator in Psychology 3477 University St.

CECIL DAVID SOLIN, Ph.D. (Tor.), M.A.
Associate Professor of Mathematics and Assistant Dean of the Faculty of Arts and Science *Arts Building*
Apt. 8, 5866 Decelles Ave.

DOUGLAS WALTER SPARLING, M.D. (Tor.), A.B.O.G., M.R.C.O.G., F.A.C.S.
Lecturer in Obstetrics and Gynaecology 1414 Drummond St.

JOHN J. SPECTOR, Q.C., B.A., B.C.L.
Lecturer in Law *Chancellor Day Hall*
Apt. 10, 5220 Victoria Ave.

HAROLD JOHN SPENCE-SALES, B.A. (New Zealand)
Associate Professor of Architecture — *3484 University St.*
253 Main Rd., Woodlands

SAMUEL ERNEST SPROTT, B.D., M.A. (Melbourne)
Assistant Professor of English — *Arts Building*
1866 Dorchester St. W.

GORDON ST. GEORGE SPROULE, M.Sc.
Sessional Lecturer in Mechanical Engineering and Demonstrator in Metallurgical Engineering (Post-retirement) — *Physical Sciences Centre*
39 Thornhill Ave., Westmount

JOHN SPURWAY, C.A.
Demonstrator in Commerce — *Arts Building*
9 Lakeshore Rd., Beaconsfield

ALEXANDER MCT. STALKER, B.A., B.C.L.
Lecturer in Law and in Dentistry — 354 Notre Dame St. W.

MURRAY RAYMOND STALKER, M.D., C.M.
Lecturer in Medicine — Ormstown

JOHN STANLEY, B.A. (U.B.C.), M.A., Ph.D. (Minnesota)
Chairman of the Biological Sciences Group in the Faculty of Arts and Science, Professor of Zoology and Chairman of the Department, and Director of the Biological Building — *Biological Building*
4675 Acadia Rd., Lachine

TAYLOR STATTEN, M.D. (Tor.)
Assistant Professor of Psychiatry — *Children's Memorial Hospital*

COLIN W. STEARN, B.Sc. (McMaster), M.S. (Yale)
Assistant Professor of Geological Sciences — *Physical Sciences Centre*
Apt. 2, 4921 Sherbrooke St. W.

FRANK GEORGE STEEN, M.D., C.M.
Demonstrator in Pathology — *Pathological Institute*
Apt. 1, 4775 Sherbrooke St. W.

GASTON FERNAND STEGEN, B.A. (Sir Geo. Williams)
Lecturer in Spanish — *Arts Building*
Apt. 4, 3500 Durocher St.

RAYMOND LOUIS STEHLE, M.A. (Ohio State), Ph.D. (Yale)
Professor of Pharmacology, Chairman of the Department, and Honorary Medical Librarian — *Medical Building*
Apt. 7, 1805 St. Luke St.

HOWARD ALVEY STEPPLER, B.Sc.Agr. (Man.), M.Sc.
Associate Professor of Agronomy — *Macdonald College*

JAMES WILLIAM STEVENSON, M.D., C.M. (Queen's)
Associate Professor of Bacteriology and Immunology — *Pathological Institute*
Apt. 7, 4925 Maplewood Ave.

JOHN SINCLAIR STEVENSON, B.A., B.Ap.Sc. (U.B.C.), Ph.D. (M.I.T.), F.M.S.A., F.G.S.A., F.R.S.C.
Associate Professor of Geological Sciences — *Physical Sciences Centre*, Box 100, Hudson Heights

MARY STEVENSON (MRS. DAVID G.), B.A. (Sask.), Dip. Soc. Wk. (Tor.), M.S.W.
Lecturer and Field Unit Supervisor in the School of Social Work — *3600 University St.*, 781 Victoria Ave., St. Lambert

CHARLES C. STEWART, M.D., C.M., D.A. (R.C.P. & S., Eng.)
Assistant Professor of Anaesthesia and of Dentistry — *Montreal General Hospital*

MARGARET ROBERTSON STEWART, B.H.S.
Lecturer in Home Economics — *Macdonald College*

ALICE MAY STICKWOOD, B.Sc., M.A. (Columbia)
Lecturer in Household Science — *Macdonald College*

WALTER CHIPMAN STOCKWELL, B.A. (Bishop's), M.D., C.M.
Lecturer in Anaesthesia — *Royal Victoria Hospital*, 747 Buchanan St., St. Laurent

WILLIAM G. STOCKWELL, D.D.S.
Lecturer in Dentistry — 1538 Sherbrooke St. W.

MANUEL STRAKER, M.D., C.M.
Demonstrator in Psychiatry — 1538 Sherbrooke St. W.

MARION G. STRANG (MRS.)
Warden, Women's Residences — *Macdonald College*

ALEX STRASBERG, M.D., C.M.
Demonstrator in Surgery — 1396 St. Catherine St. W.

GEORGE J. STREAN, B.A., M.D., C.M., F.A.C.S., F.R.C.S. (C.), M.R.C.O.G.
Assistant Professor of Obstetrics and Gynaecology — 1538 Sherbrooke St. W.

EDWIN ALEXANDER STUART, M.A. (U.N.B.), M.D., C.M., F.R.C.S. (Edin. and C.)
Lecturer in Oto-Laryngology — 1390 Sherbrooke St. W.

HARRY MORTON SULLIVAN, B.Sc. (Queen's and Carleton Coll.)
Demonstrator in Physics — *Physics Building*, 6257 Upper Lachine Rd.

WILLIAM FRANCIS SUMMERS, B.Sc. (Dal.), M.Sc.
Lecturer in Geography — *Arts Building*, Como

JOSEPH CARL SUTTON, B.A., M.D., C.M.
Lecturer in Surgery — 1538 Sherbrooke St. W.

ROY LAVER SWANK, B.S. (Washington), M.D., Ph.D. (Northwestern)
Assistant Professor of Experimental Neurology — *Montreal Neurological Institute*, 23 Brock Ave. S., Montreal West

BERNARD McCARA SYMONS, A.R.A.M. (Lond.)
Instructor in Pianoforte — *Conservatorium of Music*, 6014 Sherbrooke St. W.

TOWNSEND MUNCEY TANTON, B.A. (Mt. Allison), M.D., C.M., Cert. in Otolaryng. (R.C.S.,C.)
Demonstrator in Otolaryngology — 1414 Drummond St.

CHARLES DANIEL TAPER, M.Sc. Agr. (U.B.C.), Ph.D. (Man.)
Assistant Professor of Horticulture — *Macdonald College*

HERBERT TATE, B.Sc. (National Univ., Ireland), M.A. (Dublin)
Professor of Mathematics and Chairman of the Department — *Arts Building*, 4801 Hampton Ave.

WILLIAM FREDERICK TATLOW, M.D. (Lond.), M.R.C.P. (Lond.)
Lecturer in Neurology — *Montreal General Hospital*

ALFRED TAURINS, Dr. Chem. (Riga)
Associate Professor of Chemistry — *Biological Building*, 322 Westminster Ave., Montreal West

AUDREY A. TAYLOR
Demonstrator in Fine Arts — *3450 Drummond St.*, 1420 Pine Ave. W.

JOHN HORSFALL TAYLOR, B.A. (Queen's and McG.)
Lecturer in Education — *Arts Building*, 3737 Beaubien St.

JOHN LESLIE TAYLOR, M.D., C.M.
Hosmer Teaching Fellow in Medicine and Clinical Medicine — *Montreal General Hospital*

CECIL THOMAS TEAKLE, M.A. (Bishop's), B.A.
Lecturer in Education — *Arts Building*, 459 Strathcona Ave.

HERBERT TEES, B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 46 Strathcona Drive, Town of Mt. Royal

WILLIAM MURRAY TELFORD, B.Sc., Ph.D.
Research Associate in Physics — *Radiation Laboratory*, 4590 Wilson Ave., N.D.G.

FERDINAND RICHARD TERROUX, B.A. (Loyola), Ph.D. (Cantab.), M.Sc.
Associate Professor of Physics — *Radiation Laboratory*, Apt. 47, 1461 Mountain St.

KATHLEEN GODWIN TERROUX (MRS. F.R.), B.A., M.Sc., Ph.D.
Assistant Professor of Physiology — *Biological Building*, Apt. 47, 1461 Mountain St.

JOSEPH PAUL THIBAULT, B.Eng.
Demonstrator in Mechanical Engineering — *Engineering Building*, 6310 - 24th Ave., Rosemount

ALEXANDER THEODORE THOM, M.D. (Tor.), B.A.
Lecturer in Medicine — 3448 Peel St.

ALLAN LLOYD THOMPSON, B.A. (Bishop's), Ph.D.
Research Associate in Physics — *Radiation Laboratory*, 63 Ballantyne Ave., Montreal West

WILLIAM ROBERT THOMPSON, M.A. (Tor.), Ph.D. (Chicago)
Research Associate in Psychology — *Donner Building*, 3530 Durocher St.

DAVID LANDSBOROUGH THOMSON, B.Sc., M.A. (Aberdeen), Ph.D. (Cantab.), LL.D. (Aberdeen and Middlebury), F.C.I.C., F.R.S.C.
Dean of the Faculty of Graduate Studies and Research, Gilman Cheney Professor of Biochemistry, and Chairman of the Department — *Biological Building*, 3521 University St.

JAMES SUTHERLAND THOMSON, M.A. (Glasgow), D.D. (Glasgow, Emmanuel, Toronto), LL.D. (McMaster, Manitoba, Queen's, Toronto, Washington State, McGill, Alberta), F.R.S.C.
Dean of the Faculty of Divinity and J. W. McConnell Professor of Philosophy and Psychology of Religion — *Divinity Hall*, Apt. 511, 1455 Drummond St.

WILLIAM WENDEL TIDMARSH, B.Sc. (Dal.), M.D., C.M.
Teaching Fellow in Paediatrics — 1390 Sherbrooke St. W.

SIDNEY TOBY, B.Sc. (Lond.)
Demonstrator in Chemistry — *Chemistry Building*, Apt. 15, 6116 Durocher St.

DONALD BAYLEY TOWER, M.D. (Harvard), M.Sc.
Lecturer in Experimental Neurology — *Montreal Neurological Institute*, 3777 Cote des Neiges Rd.

STUART ROSS TOWNSEND, B.A., M.D., C.M., F.A.C.P.
Assistant Professor of Medicine and of Dentistry — 1414 Drummond St., 570 Chester Ave., Town of Mt. Royal

MARGARET ANN TRAPP, M.A. (Columbia), B.Sc. (H.Ec.)
Assistant Professor of Household Science — *Macdonald College*

G. EDWARD TREMBLE, M.D., C.M., D.L.O. (R.C.P. & S., Eng.), F.R.C.S. (C.)
Assistant Professor of Oto-Laryngology — 1390 Sherbrooke St. W.

HELEN HUNTLY TUCK, B.A. (Man.), M.S.W.
Assistant Professor in the School of Social Work — *3600 University St.*, Apt. 5, 528 Pine Ave. W.

REGINALD DE HAVILAND TUPPER
Lecturer in Music (Post-retirement) — *Conservatorium of Music*, 368 - 43rd Ave., Lachine

GUY ROMEO TURGEON, B.A. (Cantab.), M.D., C.M.
Assistant Professor of Biophysics and Lecturer in Medicine — *Medical Building*, 910 Cherrier St.

JULES PETER TURGEON, B.S.A. (Montréal), M.Sc. (Wisconsin)
Lecturer in Animal Husbandry — *Macdonald College*

WILLIAM TURNBULL, M.D., C.M.
Demonstrator in Ophthalmology — 1414 Drummond St.

ALICE ELISABETH TURNHAM (MRS. R. S.), B.Sc.
Director of University Museums and Curator of Ethnology — *Redpath Museum*, 187 Westcroft Rd., Beaconsfield W.

FREDERICK JOHN TWEEDIE, B.A. (U.N.B.), M.D., C.M.
Demonstrator in Obstetrics and Gynaecology — 1374 Sherbrooke St. W.

BARNEY DAVID USHER, B.A., M.D., C.M.
Assistant Professor of Medicine — 1538 Sherbrooke St. W.

SAUL JULIUS USHER, B.A., M.D., C.M.
Demonstrator in Paediatrics — 4966 Decarie Blvd.

GERALD ANDREW VALLILLEE, B.A.
Sessional Lecturer in Classics — *Arts Building*, Macdonald College

ROBERT WILLIAM VAN DER FLIER, M.D. (Tor.)
Hosmer Teaching Fellow in Medicine — *Royal Victoria Hospital*, Apt. 2, 130 Prince Arthur St. W.

WILFRID VAN REET, B.Com., C.A.
Demonstrator in Commerce — 3570 Ridgewood Ave.

JONATHAN E. VAN VLIET, D.D.S.
Demonstrator in Dentistry — 1538 Sherbrooke St. W.

FLOYD MARSELUS VAN WAGNER, B.P.E. (Springfield)
Associate Professor and Director of Recreational Athletics in the Department of Athletics, Physical Education, and Recreation — *Currie Gymnasium*, 3071 Trafalgar Ave.

ELEANOR M. H. VENNING, M.Sc., Ph.D.
Associate Professor of Experimental Medicine — *Royal Victoria Hospital*, 3727 Coronet Rd.

GUY VIAU
Assistant Professor of Fine Arts — *3450 Drummond St.*, 3834 Prudhomme Ave.

ROLAND J. VIGER, M.D., C.M.
Lecturer in Ophthalmology — 1414 Drummond St.

ARTHUR M. VINEBERG, M.D., C.M., M.Sc., Ph.D.
Lecturer in Surgery — 1390 Sherbrooke St. W.

PHILIP F. VINEBERG, B.C.L., M.A.
Assistant Professor in the School of Commerce — 637 Murray Hill

R. PERCY VIVIAN, M.D. (Tor.)
Strathcona Professor of Health and Social Medicine, Chairman of the Department, and Director of the Health and Social Medicine Building — *490 Pine Ave. W.*, Apt. 11, 3410 Atwater Ave.

SYDNEY WAGNER, M.Sc., Ph.D.
Assistant Professor of Physics — *Eaton Electronics Research Laboratory*, 72 Waverly Rd., Pointe Claire

THELMA WAGNER, B.Sc., M.A. (New York)
Assistant Professor of Physical Education in the Department of Athletics, Physical Education, and Recreation — *Royal Victoria College*, 3440 Shuter St.

WALLACE FRANCIS WALFORD, D.D.S.
Assistant Professor of Dentistry — 1414 Drummond St.

JOSEPH A. LEO WALKER, B.A., M.D., C.M., F.A.C.S., D.A.B.O.S., F.A.A.O.S., F.R.C.S. (C.)
Lecturer in Surgery 1538 Sherbrooke St. W.

GEORGE ARTHUR WALLACE, M.Sc., P.Eng., M.E.I.C., M.A.I.E.E.
Professor of Electrical Engineering and Chairman of the Department *Engineering Building*
4134 Oxford Ave., N.D.G.

PHILIP RUSSEL WALLACE, M.A., Ph.D. (Tor.)
Professor of Mathematics *Physical Sciences Centre*
261 St. Germain St., St. Laurent

RAPHAEL HERMAN WALLACE, B.Sc. (Dal.), M.Sc., Ph.D.
Assistant Professor of Agricultural Bacteriology *Macdonald College*

JOHN D. C. WALLER, B.Eng.
Sessional Demonstrator in Mechanical Engineering *Engineering Building*
Apt. 33, 3025 Sherbrooke St. W.

ALEXANDER BRADFORD MCBAIN WALSH, B.Sc. (Agr.)
Registrar of Macdonald College *Macdonald College*

CAMERON T. WALSH, M.S. (Michigan), B.Sc., D.D.S.
Lecturer in Dentistry 1414 Drummond St.

HENRY HORACE WALSH, B.D. (Gen. Synod), M.A. (King's), S.T.M. (Gen. Th. Sem., N.Y.), Ph.D. (Columbia)
Associate Professor of Church History *Divinity Hall*
Apt. 14, 570 Milton St.

CLIFFORD VINCENT WARD, B.A. (Bishop's), M.D., C.M., M.R.C.O.G. (Eng.), F.R.C.S. (C.), F.A.C.S.
Assistant Professor of Obstetrics and Gynaecology 1374 Sherbrooke St. W.

D. BRUCE WARD, B.Sc., D.D.S.
Demonstrator in Dentistry 1414 Drummond St.

RICHARD VANCE WARD, M.D., C.M., F.R.C.P. (C.)
Assistant Professor of Medicine 1414 Drummond St.

A. LINCOLN WASHBURN, B.A. (Dartmouth), Ph.D. (Yale)
Honorary Lecturer in Geography *Bishop Mountain House*
11 Oakland Ave., Westmount

HORACE G. I. WATSON, B.A. (Tor.), M.Sc., Ph.D.
Associate Professor of Physics *Eaton Electronics Research Laboratory*
3450 McTavish St.

ALASTAIR MCADAM WATT, B.A., B.C.L.
Lecturer in Law *Chancellor Day Hall*
901 Victoria Square

JACK WAUD, Mus.B.
Secretary of the Faculty of Music and of the Conservatorium of Music *Conservatorium of Music*
572 Mercille Ave., St. Lambert

DOUGLAS OLIVER WILLIAM WAUGH, M.D., C.M., M.Sc., Ph.D.
Associate Professor of Pathology *Pathological Institute*
1463 Bishop St.

THEODORE ROGERS WAUGH, B.A. (Yale), M.D., C.M.
Professor of Pathology — *Pathological Institute*, 515 Pine Ave. W.

ERNEST ROY WAYGOOD, M.S.A., Ph.D. (Tor.)
Associate Professor of Botany — *Biological Building*, 3646 Lorne Crescent

FRANCES HELEN WEBB (MRS. F. T.), B.A.
Demonstrator in Physics — *Physics Building*, 334 Stanstead Ave., Town of Mount Royal

GORDON MCKINLEY WEBBER, B.Design (Ill. Inst. Tech.)
Sessional Lecturer in Fine Arts and in Architecture — *3484 University St.*, Apt. 101, 1102 Elgin Terrace

SOLOMON W. WEBER, LL.M. (Montréal), B.A.
Lecturer in Law — *Chancellor Day Hall*, 741 Stuart Ave., Outremont

DONALD ROBERTSON WEBSTER, O.B.E., B.A., M.D., C.M. (Dal.), M.Sc., Ph.D., F.R.C.S. (C.)
Assistant Professor of Surgery and Director of the Experimental Surgery Laboratory — *Donner Building*, 4319 Montrose Ave., Westmount

EDWARD CLARK WEBSTER, M.A., Ph.D.
Associate Professor of Psychology and Director of the Personnel Appraisal Institute — *Chancellor Day Hall*, 75 Ballantyne Ave. N., Montreal West

PAUL GREGORY WEIL, B.A. (North Carolina), M.Sc., M.D., C.M., Ph.D.
Lecturer in Medicine — 1374 Sherbrooke St. W.

DAVID WEISS, B.S.S. (N.Y.U.)
Special Lecturer in the School of Social Work — *3600 University St.*, 3485 Van Horne Ave.

ARTHUR M. WELDON, B.A., B.C.L.
Lecturer in Law — *Chancellor Day Hall*, 315 Dulwich Ave., St. Lambert

JOHN CATHCART WELDON, B.A.
Assistant Professor of Economics — *Purvis Hall*, 115 Northview St., Montreal West

JOSEPH WENER, B.Sc., M.D.
Demonstrator in Medicine and in Clinical Medicine — 1499 Bishop St.

ARTHUR H. WESTBURY, F.C.I.S.
Lecturer in Commerce — 4564 Patricia Ave.

CARL HENRY WESTCOTT, B.Sc. (Lond.), Ph.D. (Cantab.)
Associate Professor of Physics — *Physics Building*, 4879 Grand Blvd.

WILLIAM WESTLEY, Ph.D. (Chicago)
Associate Professor of Sociology — *Arts Building*, 149 Westminster Ave. N., Montreal West

ORSON SHOREY WHEELER, B.A. (Bishop's), A.R.C.A.
Demonstrator in Architecture — *3484 University St.*, 1441 Drummond St.

JAMES M. WHITE, B.E. (Johns Hopkins), M.B.A. (New York)
Associate Professor of Mechanical Engineering — *Engineering Building*
Apt. 15, 1285 Ouimet St., St. Laurent

KERR LACHLAN WHITE, B.A., M.D., C.M.
Hosmer Teaching Fellow in Psychiatry — *Allan Memorial Institute*

HOWARD A. WHITEHEAD, B.Sc. (Mt. Allison)
Teaching Fellow and Demonstrator in Bacteriology — *Pathological Institute*
3485 McTavish St.

JAMES R. WHITEHEAD, B.Sc. (Manchester), Ph.D. (Cantab.)
Assistant Professor of Physics — *Eaton Electronics Research Laboratory*
5350 Bourret Ave.

WALTER EDWARD WHITEHEAD, M.Sc.
Assistant Professor of Entomology — *Macdonald College*

ROBERT M. WIENER, M.S. (Chicago), D.D.S.
Lecturer in Dentistry
1533 Mackay St.

BLOSSOM WIGDOR, M.A. (Tor.), B.A., Ph.D.
Sessional Lecturer in Psychology — *Queen Mary Veterans Hospital*

G. EARLE WIGHT, O.B.E., M.D., C.M.
Lecturer in Medicine
1538 Sherbrooke St. W.

FREDERICK WILLIAM WIGLESWORTH, M.D. (Man.)
Lecturer in Pathology — *Children's Memorial Hospital*
344 - 41st Ave., Lachine

ARCHIBALD L. WILKIE, B.A. (St. Francis Xavier), M.D., C.M.
Associate Professor of Surgery
1374 Sherbrooke St. W.

F. ARTHUR HARVEY WILKINSON, M.D., C.M., D.A. (R.C.P. & S., Eng.), F.I.C.A., F.A.C.A.
Assistant Professor of Anaesthesia — *Royal Victoria Hospital*
Apt. 74, 406 Pine Ave. W.

ROBERT EDWIN WILKINSON, B.Sc. (P.Ed.)
Assistant Professor of Physical Education — *Currie Gymnasium*
6397 Trans Island Ave.

W. LLOYD G. WILLIAMS, B.A. (Harverford), M.A. (Oxon.), Ph.D. (Chicago), D.-ès-S. (Montréal), F.R.S.C.
Professor of Mathematics — *Engineering Building*
1635 Selkirk Ave.

SAUL WILNER, B.A., M.D., C.M., Dip. Psychiat.
Lecturer in Psychiatry — *Allan Memorial Institute*
Apt. 7, 5656 Clanranald Ave.

CHARLES LAIRD WILSON, M.D., C.M., F.R.C.S. (C.)
Demonstrator in Surgery
1538 Sherbrooke St. W.

CHARLES M. WILSON, B.Sc., M.A. (Virginia), Ph.D. (Harvard)
Assistant Professor of Botany — *Biological Building*

OCTAVIA WILSON, Mus.B.
Instructor in Pianoforte — *Conservatorium of Music*
3522 Mountain St.

STUART A. WILSON, B.Arch.
Assistant Professor of Architecture — *3484 University St.*
2282 Belgrave Ave., N.D.G.

VALENTINE WILLIAM GIBSON WILSON, S.M. (M.I.T.), B.Sc.
Assistant Professor of Civil Engineering and Superintendent of the Testing Laboratory — *Engineering Building*
227 Strathearn Ave.

CARL ARTHUR WINKLER, O.B.E., M.Sc. (Man.), D.Phil. (Oxon.), Ph.D., F.C.I.C., F.R.S.C.
Professor of Chemistry — *Chemistry Building*
141 Easton Ave., Montreal West

SYLVIA WISEMAN, B.A.
Lecturer in Economics and Political Science — *Purvis Hall*
Apt. 18, 3295 Ridgewood Ave.

ERIC WITTKOWER, M.D. (Berlin), L.R.C.P. & S. (Edin. and Glasgow)
Assistant Professor of Psychiatry — *Allan Memorial Institute*
4077 Grand Boulevard

LEAR PETERKIN WOOD, B.Sc.
Assistant Professor of Mathematics — *Arts Building*
785 - 39th Ave., Lachine

WINONA WOOD, B.A., B.Ed. (Sask.), M.A. (Columbia), Dip. M.S.P.E.
Assistant Professor in the Department of Athletics, Physical Education, and Recreation — *Royal Victoria College*
Apt. 1, 3660 Lorne Crescent

RACHEL E. LESLIE WOODBURN, B.A. (Queen's), M.A. (Middlebury)
Lecturer in the School for Teachers — *Macdonald College*

WILLIAM DUDLEY WOODHEAD, B.A. (Oxon.), M.A. (Alta.), Ph.D. (Chicago)
Hiram Mills Professor of Classics (Post-retirement) — *Arts Building*
Apt. 302, 3375 Ridgewood Ave.

HARRY DOUGLAS WOODS, B.A. (U.N.B.), M.A.
Director of the School of Commerce, Bronfman Professor of Industrial Relations, Director of the Industrial Relations Centre, and Director of Purvis Hall and Duggan House — *Purvis Hall*
30 Easton Ave., Montreal West

FREDERICK MYLES WOOLHOUSE, B.Sc. (Sask.), M.D., C.M., F.R.C.P. (C.)
Lecturer in Surgery
1538 Sherbrooke St. W.

GARNET ALEXANDER WOONTON, M.A. (Western Ontario), F.I.R.E., F.R.S.C.
Professor of Physics and Director of the Eaton Electronics Research Laboratory — *Eaton Electronics Research Laboratory*
7400 de Tilley St.

ERNEST MILNE WORDEN, M.D. (Tor.)
Assistant Professor of Paediatrics and of Dentistry — 1390 Sherbrooke St. W.

E. WALTER WORKMAN, M.D., C.M., M.Sc.
Lecturer in Anatomy
1538 Sherbrooke St. W.

ISOBEL L. WRIGHT, M.D. (Tor.)
Demonstrator in Paediatrics
1414 Drummond St.

MARGARET WRIGHT, B.Sc.
Sessional Lecturer in Biochemistry — *Biological Building*
3550 Peel St.

WILLIAM J. WYATT, B.Sc., M.D., C.M.
Demonstrator in Pathology — *Pathological Institute*, 5389 Montclair Ave.

LEO YAFFE, M.Sc. (Man.), Ph.D.
Special Lecturer in Chemistry — 4447 Harvard Ave., N.D.G.

GEORGE EICHI YANO, B.Eng.
Demonstrator in Chemical Engineering — *Physical Sciences Centre*, 4910 Sherbrooke St. W.

HAVELOCK HOWARD YATES, B.Sc., Ph.D.
Assistant Professor of Metallurgical Engineering — *Physical Sciences Centre*, 5 Cote St. Antoine Rd., Westmount

GERTRUDE LAURA YEATS, Dip. Sch. for Grad. Nurses, R.N.
Lecturer in the School for Graduate Nurses (Post-retirement) — *Beatty Hall*, Royal Victoria Hospital

ARTHUR WILSON YOUNG, M.D., C.M., F.R.C.P. (C.)
Assistant Professor of Neurology — *Montreal Neurological Institute*, 1390 Sherbrooke St. W.

JAMES HOWARD YOUNG, D.D.S.
Demonstrator in Dentistry — 200 O'Connor St., Ottawa

JOHN CHARLES GORDON YOUNG, B.Sc., M.D., C.M.
Demonstrator in Medicine — 4635 Beaconsfield Ave.

MATTHEW H. VINCENT YOUNG, B.A., M.D., C.M., Dip. Obst. and Gyn., M.R.C.O.G. (Eng.), F.R.C.S. (C.)
Demonstrator in Obstetrics and Gynaecology — 965 Dunlop Ave., Outremont

EVA RUDER YOUNGE, B.A. (Alta.), M.A.
Associate Professor in the School of Social Work — *3600 University St.*, Apt. 35, 406 Pine Ave. W.

MICHAEL YUHASZ, B.A. (Western Ontario), M.S. (Illinois)
Director of Required Programme in the Department of Athletics, Physical Education, and Recreation — *Currie Gymnasium*

BOGDAN ZABORSKI, Ph.D. (Warsaw), Dozent (Cracow)
Associate Professor of Geography — *Arts Building*, 3436 Melrose Ave.

ANNE BARBARA ZALOHA, Ph.B. (Chicago), M.A. (Northwestern)
Associate Professor of Social Work — *3600 University St.*, 1774 Cedar Ave.

HANS JULIUS ZASSENHAUS, M.A. (Glasgow), Dr. Rer. Nat., Dr. Habil. (Hamburg)
Professor of Mathematics — *Arts Building*, 72 Martin St., Dorval

GEORGE ZAVITZIANOS, M.D. (Montpellier)
Special Lecturer in the School of Social Work — *3600 University St.*, Apt. 204, 3455 Cote des Neiges Rd.

JOHN PETER ZUBEK, B.A. (U.B.C.), M.A. (Tor.), Ph.D. (Johns Hopkins)
Assistant Professor of Psychology — *Donner Building*, 3450 McTavish St.

A BRIEF HISTORY OF THE UNIVERSITY

In 1813 the Hon. James McGill, a leading merchant and prominent citizen of Montreal, died and left in his will a property of forty-six acres and a sum of £10,000 to the already existing Royal Institution for the Advancement of Learning upon condition that the latter erected "upon the said tract or parcel of land, an University or College, for the purposes of education and the advancement of learning in this Province"; and further upon condition that "one of the Colleges to be comprised in the said University shall be named and perpetually be known and distinguished by the appellation of 'McGill College'."

Owing to a lack of funds and persistent opposition the complete University, which had been planned by the Royal Institution, was not built, but after years of litigation and effort, the University of McGill College was opened in 1829 with what remained of James McGill's legacy as its endowment; and teaching then started in the Faculties of Medicine and Arts. The Medical Faculty grew steadily, but the Faculty of Arts had a most delicate infancy, and by the middle of the century was still scarcely alive. In 1852 an amended Charter was secured and a new era of progress and success began with the appointment in 1855 of Sir William Dawson as Principal, a position which he held for thirty-eight years.

Since 1855 the University has grown vigorously, dividing itself into further faculties. In 1899 the Royal Victoria College was opened, a gift of Baron Strathcona, to provide separate teaching and residential facilities for women students. Gradually, however, classes for men and women were merged, and now the University is almost completely coeducational. In 1907 Macdonald College was established at Ste. Anne de Bellevue, as a residential college for Agriculture, Household Science, and the School for Teachers. This general development was greatly facilitated by the generosity of Sir William Macdonald, whose gifts to the University included a Physics Building, a Chemistry and Mining Building, and a new Engineering Building, in addition to the college named after him.

The University had about a thousand students at the beginning of the present century. Before the First World War the number had approximately doubled and after the Second World War it rose rapidly until it reached over eight thousand in the 1948-49 session. During this half-century benefactors, both public and private, have brought the total endowments to more than $50,000,000. New buildings have been erected or acquired to provide the undergraduate and research facilities needed by the increased student body. These include Douglas Hall and Wilson Hall residences for men and a large extension of the Royal Victoria College for women. Since 1945 the following buildings have

been added: Purvis Hall for the School of Commerce, Chancellor Day Hall for the Faculty of Law, new quarters for the Faculty of Music, the Donner Building for medical research, the Radiation Laboratory and Cyclotron, and the Eaton Electronics Building. A new Physical Sciences Centre was opened in 1951 and a large extension of the Redpath Library was completed in 1953. The Sir Arthur Currie Memorial Gymnasium and Armoury, built in 1939, has been extended to include a swimming pool which was opened in 1950. A similar growth has been maintained in the buildings and equipment of Macdonald College.

A history of the University, "McGill and Its Story," by Professor Cyrus Macmillan, is published by the Oxford University Press, Toronto.

GOVERNMENT OF THE UNIVERSITY

McGill University is a Corporation created by a Royal Charter granted by the Crown of the United Kingdom, a general supervisory power being retained by the Crown and exercised through the Governor General as *Visitor*.

The *Governors* of the University constitute the Royal Institution for the Advancement of Learning, a corporation existing under the laws of the Province of Quebec, part of the official organization of the Province, but completely self-governing. In them is vested the management of finances, the appointment of professors, and other important duties. Three of the Governors are elected by the members of the Graduates' Society and other appointments are made by the nomination of the remaining members with the approval of the Visitor. The President of the Board of Governors is, *ex officio*, *Chancellor* of the University.

The *Principal* is the academic head and chief administrative officer. He is appointed by the Board of Governors (of which body he is a member). He also holds the office of Vice-Chancellor of the University.

Senate consists of the Chancellor, the Principal, the Deans of the Faculties, the Warden of the Royal Victoria College, the Director of the School for Teachers, the Director of University Extension, the Director of Athletics, and the four Group Chairmen of the Faculty of Arts and Science, all *ex officio*; five Governors elected by the Board; and eight professors elected by the various faculties. The Principal is Chairman of Senate, which is the highest academic authority of the University and has control over admission, courses of study, discipline, and degrees.

The carrying out of the regulations of Senate along with primary responsibility for the conduct of the educational work of the University, is entrusted to the several Faculties and Schools.

INCORPORATED AND AFFILIATED COLLEGES

INCORPORATED COLLEGES

Macdonald College is situated at Ste. Anne de Bellevue, about twenty-five miles from Montreal. It consists of the Faculty of Agriculture, the School of Household Science, and the School for Teachers. All courses leading to the Bachelor's and Master's degrees are under the control of the Senate of McGill University; all the short term courses in agriculture, as well as the shorter courses in domestic science, are under the direction of the Faculty of Agriculture; and those for diplomas to teach in the Province of Quebec are prescribed and regulated by the Department of Education. (*For further particulars, see pages 4610 to 4631.*)

The Royal Victoria College is the Women's College of McGill University. (*For further particulars, see pages 307 to 309.*)

AFFILIATED THEOLOGICAL COLLEGES

The Montreal Diocesan Theological College—Principal, Rev. R. H. L. Slater, M.A., Ph.D., 3473 University Street.

The United Theological College of Montreal—Principal, Rev. George G. D. Kilpatrick, D.S.O., B.A., D.D., D.C.L., LL.D., 3506 University Street.

(NOTE: The above two Colleges train students for the Ministry and grant certificates for ordination, but in 1948 they remitted their degree-granting powers to the University, which now confers degrees in Divinity upon properly qualified students. (*See page 2305.*)

The Presbyterian College of Montreal—Principal, Rev. Robert Lennox, M.A., Th.B., D.D., 3485 McTavish Street.

For Calendars and all necessary information, apply to the Principals of the Colleges.

INSTITUTES ATTACHED TO McGILL UNIVERSITY

The Institutes and similar groups listed below carry out research in a number of specialized fields. In most of them facilities are available for qualified students who wish to take higher degrees.

INSTITUTE OF INTERNATIONAL AIR LAW

An academic organization for graduate study and independent research in International Air Law, open only to those already holding law degrees or members of the Bar. Students in the Institute may proceed to the degree of LL.M. **Director:** Professor John C. Cooper.

ALLAN MEMORIAL INSTITUTE OF PSYCHIATRY

A Psychiatric Institute for teaching, research, and treatment. McGill University undertakes responsibility for the training and teaching facilities and the Royal Victoria Hospital for the clinical work. Teaching covers both undergraduate instruction and advanced postgraduate training. **Director:** Professor D. Ewen Cameron.

ARCTIC INSTITUTE OF NORTH AMERICA

An international organization, the Montreal office (and headquarters) of which has since 1945 occupied space provided by McGill University. It supports scientific research in northern North America, and maintains a reference library, a map collection, and a small museum. It co-operates with the University in the McGill-Arctic Institute-Carnegie programme which assists graduate students in northern studies. **Director, Montreal Office:** P. D. Baird.

RESEARCH INSTITUTE OF BIOPHYSICS

The laboratories of the Research Institute of Biophysics provide facilities for the application of modern biophysical methods to the investigation of cardiovascular problems, especially hypertension and arteriosclerosis. The clinical aspects of the project are carried out in the Cardiovascular Unit of the Royal Victoria Hospital. **Director:** Professor Kenneth A. Evelyn.

INDUSTRIAL RELATIONS CENTRE

The Industrial Relations Centre is an integral part of the School of Commerce and was set up to promote research and to spread knowledge in the field of industrial relations. Corporations taking membership in the Centre enjoy the privileges of conferences and discussions and the use of the library and reference services. An active programme is carried on particularly during the winter months. **Director:** Professor H. D. Woods.

INSTITUTE OF ISLAMIC STUDIES

A co-operative venture, gathering both staff and students from the Orient and the Occident, to interpret Islam as a living social force and to conduct joint research on its modern developments. Qualified students may proceed to the M.A. (or to the S.T.M.). **Director:** Professor Wilfred Cantwell Smith.

MONTREAL NEUROLOGICAL INSTITUTE

This includes a hospital for the treatment of diseases of the nervous system and laboratories for the study of basic and applied science in the general field of Neurology. The Institute houses the University Department of Neurology and Neurosurgery and undergraduate and graduate teaching is carried out as well as research. **Director:** Professor Wilder Penfield.

INSTITUTE OF PARASITOLOGY

A co-operative venture between the National Research Council and the University for the study of Parasitology in man and animals. It also co-operates with public authorities in the practical applications of Parasitology. It accepts qualified students who wish to proceed to the M.Sc. or the Ph.D. degree. The Institute is housed at Macdonald College, Ste. Anne de Bellevue, near Montreal. **Director:** Professor T. W. M. Cameron.

PERSONNEL APPRAISAL INSTITUTE

The Department of Psychology and the Industrial Relations Centre sponsor a two-week summer training programme for members of personnel departments. Techniques and methods of evaluating procedures are taught through lectures and work sessions. **Director:** Professor Edward C. Webster.

THE UNIVERSITY LIBRARY

RICHARD PENNINGTON, B.A., Lib. Dip. (London), *University Librarian.*

The University Library, which is under the general management of a Committee of Senate, includes the Redpath Library and various Faculty and Departmental libraries in other buildings.

The several libraries of the University now contain over 650,000 volumes and 50,000 pamphlets and receive over 3,000 periodicals, Government publications, and transactions of various literary and scientific societies.

The University Library is rich in early printed books, in Canadiana, and in rare pamphlets of the sixteenth to eighteenth centuries. It has special collections of David Hume, Rousseau, Rilke, Stephen Leacock, and Rudyard Kipling; and in the Stearn Library it has a collection, both of books and puppets, illustrating the history of the marionette theatre of all nations. The Osler Library, devoted to the history of science from classical times, is famous also for its Sir Thomas Browne collection.

The Blackader Library of Architecture has been established in honour of Captain Gordon Home Blackader, B.Arch. The Wood Library of Ornithology was presented by Colonel Casey A. Wood, M.D., LL.D., as a special research collection and reference library. The Blacker Library of Zoology, presented by Robert Roe Blacker and Nellie Canfield Blacker, is a comprehensive reference library on this special subject. It is supplemented by the Lyman Collection of books on Entomology. The Dinah Lauterman Library of Art was established in 1946. The Faculty of Medicine (including the Bibliotheca Osleriana), the Faculty of Engineering, the Faculty of Divinity, the School of Social Work, the School for Graduate Nurses, and the Royal Victoria College maintain libraries in their respective buildings. The Baillie Library of Chemistry, the Physics Library, Mining, Metallurgy, and Geology libraries are housed in the Physical Sciences Centre, and there is a departmental collection in the Department of Botany. The Library of the School of Commerce, which includes a section on Industrial Relations, is in Purvis Hall. The Faculty of Law Library is in Chancellor Day Hall.

Students will find in the Redpath Library building the Undergraduate Library with seating for 352 readers and with a specially selected working collection of about 40,000 volumes. Third and Fourth Year Honours students may on application obtain a permit for working in the Stack. Students writing a thesis are advised to consult the University Librarian early in their work as to books they will need which are not yet in the Library. There is also in the Redpath Library a Poetry Records Room.

With the Library is affiliated the University Book Club, which supplies its members with recent publications and makes an annual contribution of books to the Library.

The Library exhibits, from time to time, displays illustrating the subjects of the University curriculum, with special reference to art, bibliography, Canadian history, and the marionette theatre.

THE UNIVERSITY MUSEUMS

1. PETER REDPATH MUSEUM

The Peter Redpath Museum, a dignified building in the Neo-Greek style situated between the University Library and the Arts Building, was erected by the donor whose name it bears and was handed over to the University in 1882, the architects being Hutchison and Steele. It is the only building in the University designed solely for museum purposes. It contains, on three floors, a great variety of museum material:

Top floor—Zoology: Vertebrates and invertebrates, including the Carpenter Collection of Mollusca.

Second floor—Geology: Introductory exhibits; Dawson Collection of Palaeontology; Ferrier Collection of minerals; and a condensed exhibition of Economic Geology.

Ground floor—Ethnology: Synoptic exhibit of primitive native cultures from North and South America, Africa, and the Pacific Islands; Lyman Entomological Collection.

Director, and Curator of Ethnology, Mrs. Alice Johannsen Turnham; *Curator of Zoology*, J. D. Cleghorn; *Curator of Entomology*, G. M. Moore; *Museum Associate in Geology*, Mrs. J. S. Stevenson; *Malacologist*, Vincent Conde; *Museum Associate in Visual Education*, H. G. Ferrabee.

2. McCORD NATIONAL MUSEUM

The McCord National Museum, with its valuable collection of Canadiana, is closed until more suitable quarters can be found. Inquiries concerning the collection should be addressed to Mrs. Alice Johannsen Turnham, Director.

3. ETHNOLOGICAL MUSEUM

Selections from this Museum, formerly housed in the Medical Building, are now on display as follows:

1. Synoptic exhibits: North, South, and Central American Indians, Africa, and the Pacific Islands—Redpath Museum.
2. Eskimo Culture: Arctic Institute of North America, 3485 University Street.
3. Mediterranean Culture and Biblical World: Divinity Hall, 3520 University Street.

The remainder of the Ethnological Collection is in storage, pending provision of suitable quarters which will eventually house the Ethnological, Redpath, and McCord Museums under a single roof.

4. In addition to the above there are other collections and exhibits of a specialized nature, ordinarily open only to students but to which access may be gained by application to the Curator concerned. These include the Anatomical, Medical, and Pathological Museums, the Museum of Hygiene, the Rutherford Collection of Experimental Physics, and the Botanical, Zoological, and Architectural collections. At Macdonald College there is a teaching collection containing an herbarium, a collection of insects, and other exhibits related to Canadian agriculture.

McGill University

MONTREAL, CANADA

GENERAL INFORMATION

1953-54

ADMISSION TO THE UNIVERSITY

ENTRANCE REQUIREMENTS

The entrance requirements of the various faculties and schools of the University are given in the General Announcement, and in the separate announcements of the faculties and schools. These announcements may be obtained from the Registrar's Office.

APPLICATION FORMS

Application forms for admission to the faculties of Arts and Science (including the School of Commerce), Engineering, Medicine, Dentistry, and Divinity may be obtained from the Registrar's Office. Applications for admission to other faculties and schools should be made to the Deans of the faculties or the Directors of the schools concerned. All application forms give details of the certificates and records applicants must submit.

APPLICATION FOR RESIDENCE

Students who wish to apply for residential accommodation must do so on special forms. These may be obtained from the Warden of the Residence concerned or from the Registrar's Office.

ADMISSION TO THE UNIVERSITY

The admissions policy of the University is definitely selective and no guarantee can be given that a student who has complied with the minimum entrance requirements will be admitted. Students, therefore, should never come to the University until they have received official acceptance of their applications.

EX-SERVICE MEN AND WOMEN

The University gives special consideration to ex-service applicants.

INQUIRIES

The Registrar's Office will be pleased to answer inquiries concerning the University and to give advice to anyone who contemplates applying for admission.

FEES

The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require.

1. UNIVERSITY FEES

FULL TIME REGULAR STUDENTS

(a) These fees include all the regular charges of the University for registration, tuition, laboratories, libraries, health service, physical education, sports, games and graduation, but do not include the Students' Society Fee (*see page 304*).

Arts	$300.00
Commerce	325.00
Dentistry (laboratory equipment not included)	425.00
Divinity (except regular candidates for ordination)	250.00
Engineering and Architecture (all years)	400.00
Graduate Nurses (Diploma Course)	250.00
Graduate Nurses (Degree Course)	300.00
Fine Arts	275.00
Law	325.00
Library School (includes library visits)	340.00
Medicine	525.00
Music	300.00
Physical Education	325.00
Physiotherapy	325.00
Science	325.00

(b) The following inclusive fees provide for only limited participation in physical education and sports, and do not include admission to games.

Graduate Studies	251.00
International Air Law	401.00
Social Work	325.00

(c) High School Diploma Course (does not include health service, physical education, sports, or games) 150.00

CONDITIONED STUDENTS

Special fee for an additional course repeated or substituted by conditioned students (one full course or two half courses) $10.00

LIMITED UNDERGRADUATES IN THE FACULTY OF ARTS AND SCIENCE

Per course	$90.00
Per half course	45.00

PARTIAL STUDENTS

	Half Courses	Full Courses
Arts, Science, and Commerce, per course	$45.00	$90.00
Engineering, per hour of instruction per week, per term	15.00	15.00

Information concerning the fees for partial students in other courses may be obtained from the Chief Accountant.

The maximum fee charged for courses taken by partial students will not exceed the published fee for full time regular students, but in all other cases, partial students are subject to the following additional fees:

(a) If taking three or more courses—

Athletics	$15.00	
Health Service	7.00	
Students Society	15.00	$37.00
($16.00 in Engineering, Law, and Medicine)		

(b) If taking less than three courses—

Grounds (use of Rinks and Tennis Courts during session)	$ 5.00	
McGill Daily and McGill Union	5.00	$10.00

or, if desiring full Athletic and Health Service privileges—

Athletics	$15.00	
Health Service	7.00	
McGill Daily and McGill Union	5.00	$27.00

PAYMENTS BY INSTALMENTS

Fees, including board and residence, may be paid in two instalments, one at the beginning of the session and one on the 15th of January following. For this privilege the additional fee (payable $2.50 with each instalment) is $5.00

II. SPECIAL FEES AND PENALTIES

Late registration (first week) extra	$ 5.00
Late registration (second week) extra	10.00
Late payment fee (after specified date)	2.00
Fine for late medical examination (*see pages 311 and 312*)	2.00
Graduation *in absentia*	10.00
Duplicate Diploma	10.00
Certified copy of student's record	1.00
Additional copy (at same time)	.50
Duplicated copies of student's record (12 copies)	2.00
Re-reading examination paper	10.00
Supplemental examinations, each paper	10.00
Rental of microscope (*per term*)	7.50
Rental of microscope (*for the session*)	12.00

McGill graduates and graduates of other Universities may use the University Library on payment of an annual fee of $5.00.

III. STUDENTS' SOCIETY FEES

An annual fee of $15 ($16 in Engineering, Law, and Medicine) for the support of student organizations is payable by all undergraduates and by partial students taking three or more full courses. Medical students pay an additional $2.00 for the Medical Journal.

The men's fee is distributed as follows: McGill Union $3.50; McGill Daily $1.50; Students' Executive Council $9.00; Undergraduate Society $1.00. In Engineering, Law, and Medicine the Undergraduate Society receives $2.00.

The women's fee is distributed as follows: Women's Union $3.50: McGill Daily $1.50; Students' Executive Council $9.00; Undergraduate Society $1.00.

Students in the Faculty of Graduate Studies pay an annual fee of $3.50 for the support of the McGill Union or Women's Union, and $1.50 for the McGill Daily.

IV. ATHLETICS, PHYSICAL EDUCATION, AND RECREATION

Free use of the gymnasium and swimming pool, rinks, tennis courts, playing fields, etc., is included in the University fees listed under section (a) on page 302, and $15.00 of the fees paid by regular undergraduates is allocated to the Department of Athletics, Physical Education, and Recreation to support its programme. Students' season tickets for the home games of the senior football team cost $1.50, and students' tickets for the home games of the senior hockey team cost 25 cents each. All other home games are free to students.

REGULATIONS FOR PAYMENT OF FEES

1. Fees are due and payable at the Accounting Office immediately after registration; exact dates are shown in the announcements of various Faculties and Schools. A late fee of $2.00 is charged for payment after the specified dates.

2. The University does not issue bills for fees. Each student is required, at the time of registration, to complete a fee account giving full details of his fees for the session. To ensure identification, students or parents should enclose the fee account when paying fees.

3. Fees may be paid in two instalments, one at the beginning of the session, and one on January 15th following. In such cases the instalment fee of $5.00 is charged.

1st Instalment

One half of the total fees plus $2.50 instalment fee. Deduct deposits already paid.

2nd Instalment

Balance of total fees plus $2.50 instalment fee.

4. Students registering late pay their fees at the time of registration,

failing which they become subject to the provisions of the following paragraph:

As soon as possible after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

5. Further details concerning fees in the Faculty of Graduate Studies and Research are given in the announcement of that Faculty.

REGULATIONS CONCERNING REMISSION OF FEES TO STUDENTS WHO LEAVE THE UNIVERSITY DURING THE COURSE OF THE ACADEMIC YEAR

1. Students withdrawing from the University must cancel their registration at the Registrar's Office.

2. In the case of students who, in spite of the fact that they leave the University before the end of the academic year, receive full credit for the year towards their degree, there shall be no refund of fees.

3. In the case of students who leave during the academic year and do not receive credit beyond the period of their attendance, the fees shall be remitted on the following basis:

(a) In those Faculties where the academic year is divided into two terms, half of the annual fees shall be remitted to a student who leaves prior to the beginning of the second term.

(b) In those Faculties where the year is divided into three terms, one-third of the fees shall be returned for each term that begins after the departure of the student.

4. No fees shall be refunded for any term during which the student has attended classes, even though he leaves before the term has finished.

5. Residence fees are payable for the full academic year and shall not be refunded, except in special circumstances.

EXPENSES

It will be seen that each student pays annually two fees: (1) his inclusive University fee, (2) a Students' Society fee. There are no other regular fees and the only extras are for late registration, for graduation *in absentia*, etc., as listed above. Consequently the expenses of a student may be estimated by adding these two fees and the cost of board and lodging (*see pages 306, 307, 309, 310*). Books are necessarily a variable expense but probably $50 a year would be their average cost in Arts and Science. Personal expenditure upon clothes, amusements, etc., is still more variable and no useful estimate is possible.

PART-TIME EMPLOYMENT

Inquiries regarding placement, part-time work, or summer employment should be directed to the University Placement Service. However, students taking a regular degree course generally have insufficient leisure to make heavy part-time work during the term advisable, and they are recommended not to rely upon earning any money while actually at college.

BOARD AND RESIDENCE

The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require.

I. FOR MEN

Applications submitted after July 15th for residence in Douglas Hall or Wilson Hall will not normally be considered.

DOUGLAS HALL OF RESIDENCE

Douglas Hall was opened in September 1937. It is built on the staircase plan, each student normally having his own study-bedroom and sharing a sitting room with two other men, the three study-bedrooms and the sitting room forming a self-contained and separate suite. Meals, under the supervision of a qualified dietitian, are served in the attractive refectory and residents have in addition the use of adequate common rooms, play rooms, etc.

A House Fee of $6.00 is collected by the University on behalf of the Resident Students' Society, and is payable with the Board and Residence fees.

NORMAL SESSIONAL FEES FOR BOARD AND RESIDENCE

Engineering and Architecture	$650.00
Arts, Science, Commerce, Law	685.00
Medicine and Dentistry (fourth year)	720.00
Medicine and Dentistry (lower years)	750.00

Due to limited accommodation, a few students will be required to share a study-bedroom, in which case a rebate of $40.00 on the normal fee will be allowed.

WILSON MEMORIAL HALL

Wilson Memorial Hall, acquired in 1945, has accommodation for approximately seventy students, most of whom share a double room. Otherwise the facilities of dining room and common rooms are similar to those at Douglas Hall.

A House Fee of $5.00 is collected by the University on behalf of the Resident Students' Society, and is payable with the Board and Residence fees.

NORMAL SESSIONAL FEES FOR BOARD AND RESIDENCE

Engineering and Architecture	$620.00
Arts, Science, Commerce, and Law	650.00

Students sharing a double room will be allowed a rebate of $40.00 on the normal fee.

One half of the fee is payable at the beginning of the session, and the balance on January 15th.

Students who are in residence for any additional period are charged extra at the rate of $3.50 per day.

Application forms for both residences may be obtained from the Warden's Office, Douglas Hall of Residence.

LODGINGS

The University has a register of lodgings which have been inspected and approved. For information about these rooms students should apply in person to the Rooms Registry in the Union during September. The Registry gives information to those who come to its office but does not itself reserve lodgings and cannot answer correspondence.

The cost of board and lodging in approved rooms varies from $70 to $85 per month. Separately, board costs from $65, and a room from $35, upwards per month.

Board is furnished in the McGill Union at low rates.

Board and lodging for men may also be obtained in the Diocesan College and the Presbyterian College, which are affiliated with the University.

II. FOR WOMEN

THE ROYAL VICTORIA COLLEGE

The main building of the Royal Victoria College was erected in 1899 under the terms of the endowment created by the Rt. Hon. Baron Strathcona and Mount Royal for the education of women at McGill University. A west wing was added in 1930-31 and an east wing in 1948-49. In all, the College provides residence accommodation for 300 students.

All women undergraduates registered at McGill University are automatically members of the Royal Victoria College, whether in residence or not, and are required by the University to complete the registration forms of the Royal Victoria College.

The activities of all women students centre in the College, which contains a separate library, lounges, cafeteria, gymnasium facilities, health offices, infirmary, and accommodation for the Women's Union, as well as residential quarters and the Warden's office.

The Warden has general supervision over all the academic activities of the women students. Under the University statutes, she is responsible for "the preservation everywhere of the good character and good name of the College." To this end she has jurisdiction over all women's extra-curricular activities.

APPLICATION FOR RESIDENCE

(a) Out-of-Town Applicants:

The Royal Victoria College has the responsibility for residence for all women undergraduates whose homes are not in Montreal. Only in exceptional cases may an undergraduate who is not residing with her parents or guardian live out of residence, and then only with the Warden's written approval.

All women students whose homes are not in Montreal must make application for residence in the College, as well as for a Faculty or School, before their academic applications can be considered.

Residential application forms may be secured either from the Registrar's Office of the University or from the College, and when completed should be addressed to The Warden, Royal Victoria College, McGill University, Montreal. It is to the candidate's advantage to make application early, **preferably by May 31st.** (Students should not await the results of their matriculation examination before applying.)

Before a student can be officially accepted for residence, she must fulfil all the entrance requirements of McGill University, be acceptable for a full course leading to a degree or diploma, and comply with the health regulations (*see paragraph on Health, page 309*).

Admission is based on scholarship, character, health, and general promise.

(b) Montreal Applicants:

It is expected that there will be limited accommodation in the College, beginning with the 1953-54 session, for Montreal students who may wish to live in residence during some part of their academic career. Information regarding this may be obtained from the Warden's Office of the Royal Victoria College.

OPENING AND CLOSING OF RESIDENCES

Registration dates for women students in Arts, Science, Commerce, and Fine Arts are as follows:

First Year—Monday, September 21st.

Upper Years—Monday and Tuesday, September 28th and 29th.

Residences will open for *first year students* on Friday, September 18th, when the mid-day meal will be the first to be served; and for *upper years* on Sunday, September 27th.

Students cannot enter residence before the date specified.

All students except seniors are expected to leave in May within 48 hours of their last examination; seniors, within 48 hours after Convocation.

ROOMS AND FURNISHINGS

In the Royal Victoria College there are 272 single and 14 double rooms. They are furnished with the following: bed, pillow, bureau, desk, bookcase, desk chair, waste-basket, study lamp. Blankets (2), sheets, pillow cases, bath towels, and face towels are provided. Students should supply their own bed covering and bureau scarf.

RATES

The charge for board and residence in the Royal Victoria College for a student occupying a single room is $685.00 and for a student sharing a double room, $660.00.

These charges cover the period of the University session in Arts and Science, exclusive of the Christmas holiday. Students who are in residence for any additional period for purposes of instruction, practice teaching, or examinations are charged at the rate of $3.50 per day.

There is accommodation for meals in the cafeteria at the Royal Victoria College.

A House Fee of $10.00 is collected by the University on behalf of the Resident Students' Society, and is payable with the Board and Residence fees. This amount includes $2.00 key deposit which is refunded at the end of the session.

HEALTH

The health service for both resident and non-resident students is part of the University Health Service. Dr. M. Dorothea Mellor, of the Health Service, is assisted by resident nurses.

No student who has an infectious illness or who comes from a house in which there has been an infectious illness may enter or return to the College unless the regulations of the Provincial Department of Health are observed. In all such cases the Warden must be notified and official consent secured. All students entering the University for the first time are required according to Provincial regulations to present a certificate or other satisfactory evidence of successful vaccination within seven years, or of insusceptibility to vaccine within five years.

McLENNAN HALL

Accommodation is available at McLennan Hall, 3480 Ontario Avenue, for women students in the courses of a senior nature listed below. This building, formerly the home of Miss Isabella C. McLennan, was donated by her to the University in October, 1942, and stands in large and attractive private grounds, commanding a superb view of the city of Montreal and the river beyond. It is within ten minutes' walking distance of the University. Breakfast is served at the Hall and residents may obtain their other meals at the Royal Victoria College Cafeteria at the regular prices. There are a few single rooms; the remainder (designated as "multiple") accommodate two or three students. Furnishings are similar to those described for the Royal Victoria College. Infirmary service is available to students living at McLennan Hall. A small charge will be made for meals served in the infirmary. The Hall is under the supervision of the Warden of the Royal Victoria College, to whom applications for accommodation should be sent.

RATES

Course	Period	Single	Multiple
Dentistry 1, 2, 3	Registration—End of Session	$495	$410
Dentistry 4	Registration—Convocation	500	415
High School Diploma (Education)	Registration—End of Practice Teaching	535	440
Law 1, 2, 4	Registration—End of Session	420	350
Law 3	Registration—Convocation	460	380
Library School	Registration—Convocation	480	400
Medicine 1, 2, 3	Registration—End of Session	535	440
Medicine 4	Registration—Convocation	500	415
Social Work	Registration—End of Second Term	505	420
Graduate Faculty	Registration—End of the Examination period.	440	365

Additional periods will be charged at the following daily rates: Single, $2.00; Multiple, $1.65.

HEALTH SERVICE (MEN AND WOMEN)

The object of the University Health Service is to ensure that every student enrolled at McGill University shall be enabled to obtain the maximum protection for the development and maintenance of health at reasonable cost, during the University sessions.

The facilities of the Health Service provide for the early discovery of any defects of health and direct the student to competent treatment for any serious defect which may be found. The personnel of the Health Service have all been chosen for their ability to give competent and sympathetic service.

The Health Service provides treatment for minor illnesses or accidents.

It is not the function of the Health Service to undertake the care of serious cases beyond the initial diagnosis and emergency treatment. The patient will then be referred to the physician or surgeon of his choice or to the public service of designated hospitals.

The families of out-of-town students will be notified of any serious illness, and the action of the Health Service will be guided by their wishes or the advice of their family doctor.

Students entering the University are presumed to be in good health. If they are not, a statement to the contrary should be furnished to the Health Service before registration in the University is completed.

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination against smallpox. Students should be vaccinated before they come to the University. If they have not complied with this Government regulation, they will be vaccinated at the University and a fee of $5.00 will be charged. Failure to be vaccinated before a certain date in the term may result in the imposition of a fine of an additional $5.00.

The University is not responsible for damages of any kind resulting from accidents or athletic injuries which may occur, nor for the medical or hospital expenses incurred by any person suffering an accident or athletic injury. In the case of injuries which occur during intercollegiate or intramural competition in athletics or in preparation therefor, the Health Service will render treatment, including hospitalization, if necessary, but any hospital expense in connection therewith shall be limited to the same maximum amount and conditions as in the case of hospitalization for illness. If circumstances appear to justify such action, the Director of the Department of Athletics, Physical Education, and Recreation may authorize additional services or contributions towards such cost.

The University Health Service is organized to provide:

(*a*) Medical examinations for all men and women students in the University at the beginning of each Session.

The examination for students entering the University for the first time includes a complete clinical check, together with an X-ray of chest and routine laboratory procedures.

The examination for all other students annually consists of an X-ray of chest and routine laboratory procedures, together with a physical examination where indicated. All third year students have a clinical check in addition to chest X-Ray and laboratory tests.

Participation in athletics is conditional upon the findings.

All examinations are by appointments made at the time of registration. The examination is compulsory for all students. Any student who fails to keep this appointment is subject to a later examination for which a charge of $2.00 is made. Any student who fails to have a medical examination by the University Health Service is subject to disciplinary action by the University authorities.

Re-examination during the session is undertaken for any student who may seem to require it.

(*b*) Consultative service for all students is available at the various centres of the University Health Service. These centres are located for men on the McGill Campus at 486 Pine Avenue West; for women at the Royal Victoria College; for Macdonald College at the Infirmary.

This service is optional on the part of the student. Any services obtained by the student from a private physician are the student's responsibility.

A limited number of house visits by a physician or nurse of the Health Service is undertaken as necessary for those living away from home and confined to bed.

A student who has received medical attention for an illness or accident must be declared fit by the Health Service before he may resume participation in classes or athletics.

The consultative service is included in the University Health Service fee.

In case of hospitalization when obtained through the University Health Service, payment will be made for one-half of all public ward rates in a designated general hospital up to a maximum of $125.00 per student in any one session of the University.

This contribution is not applicable to hospital expenses for an illness or other condition which was known or ascertained at the time of admission.

Further detailed information will be furnished each student at the time of registration.

PARKING ON UNIVERSITY GROUNDS

The University does not permit students to park automobiles or motorcycles anywhere on the Montreal campus except in such areas as may be specifically designated for student parking by official notices.

Parking at Macdonald College is subject to restrictions. Further information may be obtained by applying to the office of the Vice-Principal of the College.

SPORTS FOR MEN

There is intercollegiate competition in approximately twenty different sports, including football, hockey, track, basketball, skiing, swimming, tennis, boxing, wrestling, fencing, and golf, and, in addition, there is a wide programme of intra-mural competition in various sports. The Sir Arthur Currie Memorial Gymnasium and Swimming Pool provide accommodation for many indoor activities, while Mount Royal in Montreal and the Laurentian Mountains north of Montreal provide excellent skiing country. A student in good health thus has ample opportunities for exercise and pleasant recreation.

SPORTS FOR WOMEN

For women students there is a wide choice of voluntary sports and recreations including archery, basketball, dancing, gymnastics, skating, skiing, swimming, and tennis. Special care is taken that no student undertakes any exercise for which she is physically unsuited.

IMMIGRATION

All students entering Canada to attend courses at the University should obtain from the Dean of their Faculty, the Director of their School, or the Registrar's Office an official letter of acceptance, and should present this to the immigration authorities at the port of entry.

BRITISH STUDENTS

British students do not require passports to enter Canada but may require them if they wish to return. They are therefore advised to obtain them before leaving for Canada.

AMERICAN STUDENTS

American students do not need passports. They must, however, bring with them evidence of their American citizenship such as their birth

certificate, baptismal certificate, naturalization certificate, or passport. They should register on arrival with the American Consulate General. Students coming from the United States of America who are not citizens of that country should carry evidence that they are in the United States legally, and prior to their return should obtain a re-entry permit from the American Immigration Department.

OTHER STUDENTS

All other non-Canadian students should carry passports.

UNIVERSITY BOOK STORE

The McGill University Book Store, at 3480 University Street, has a complete stock of books and materials recommended by the Staff, and a supply of Engineering instruments, microscopes, drawing paper, pens, pencils, note-books, etc. The prices are standard retail prices, and profits are used directly for the benefit of the students.

CALENDAR FOR THE SESSION 1953-54

1953

May 27th, Wednesday. Convocation.

June 15th, Monday. School Certificate Examinations begin.

June 29th, Monday. Geography Summer School begins.

June 30th, Tuesday. French Summer School begins.

July 1st, Wednesday. Dominion Day.

August 8th, Saturday. Geography Summer School ends.

August 11th, Tuesday. French Summer School ends.

August 25th, Tuesday. Last day for filing Graduate theses for Autumn Convocation.

August 31st, Monday. Camp course for Men in School of Physical Education begins.

September 1st, Tuesday. Summer School in Mechanical Engineering begins. Students in certificate courses in Public Health Nursing and Advanced Psychiatric, Obstetric, and Paediatric Nursing report to the School for Graduate Nurses for field work.

September 4th, Friday. Registration in Medicine and Dentistry begins.

September 7th, Monday. Labour Day.

September 8th, Tuesday. Registration in the School for Teachers. Registration in Medicine and Dentistry finishes. Agriculture Teaching Specialists register. School Certificate Examinations begin.

September 8th, Tuesday. Supplemental examinations begin in Arts, Science, Commerce, Fine Arts, First Year Engineering, and in the School of Physical Education.

September 8th, Tuesday. Second and Third Year Women students in the School of Physical Education report for Autumn Outdoor School.

September 8th, Tuesday. Conservatorium of Music opens for practical work.

September 9th, Wednesday. Lectures begin in all years of Medicine and Dentistry, for Agriculture Teaching Specialists, and in the School for Teachers.

September 9th, Wednesday. Second and Third Year Men students in the School of Physical Education report for Autumn Outdoor School. Supplemental examinations begin in Upper Years of Engineering and Architecture. Special Summer Schools for Mechanical Drawing 511 and Supplementals begin.

September 9th, Wednesday. Homemaker students register.

September 10th, Thursday. High School Diploma students report for training in the Department of Education.

September 10th, Thursday to September 21st, Monday. Final orals for Ph.D.

September 11th, Friday. Seminars begin for High School Diploma students.

September 14th, Monday. Fall Survey School begins. Summer School in Fire Assaying begins. Students in certificate and first year degree courses in Teaching and Supervision and Administration in Schools of Nursing report to the School for Graduate Nurses for observation in Hospitals.

September 14th, Monday. Last day for receiving applications for admission to the Faculty of Graduate Studies. Last day for reports on Ph.D. theses.

September 16th, Wednesday. Architecture Sketching School begins.

September 18th, Friday. Last day for reports on Masters' theses.

September 21st, Monday. Registration of students in First Year Arts, Science, Commerce, Engineering, Physical Education, and the Library School. Supplemental examinations begin in Divinity. Lectures begin in Music.

September 22nd, Tuesday. Freshman Welcome.

September 23rd, Wednesday. Lectures begin in the Library School, and in the First Year of Arts, Science, Commerce, Engineering, and Physical Education.

September 28th, Monday. Registration of Second Year (9-12) and part-time (1:30-4) students in the School of Social Work.

September 28th, Monday. Students register in Upper Years of Engineering and Architecture. Students in B.Sc. (Agr.) and B.Sc. (H.Ec.) register. Students in Second Year degree courses in Teaching and Supervision and Administration in Schools of Nursing and in degree and certificate courses in Public Health Nursing and in Administration and Supervision in Public Health Nursing register at the School for Graduate Nurses.

September 28th, Monday, and September 29th, Tuesday. Registration of Upper Year students in the Faculty of Arts and Science, and in all years of Law, Divinity, and Physical and Occupational Therapy.

September 29th, Tuesday. Registration of Fourth Year students in the School of Physical Education.

September 29th, Tuesday. General assembly and reception of all students in the School of Social Work.

September 30th, Wednesday. Registration of First Year students in the School of Social Work.

September 30th, Wednesday. Last day for receiving sessional registration forms approved by the Department in the Dean's Office, Faculty of Graduate Studies and Research. Lectures begin in Upper Years of Arts, Science, Commerce, Fine Arts, Engineering, Architecture, and Physical Education, and in all years of Law, Agriculture, Household Science, Divinity, the School for Graduate Nurses, the School of Physical and Occupational Therapy, and the Faculty of Graduate Studies and Research.

October 1st, Thursday. Lectures begin in the School of Social Work.

October 6th, Tuesday. Founder's Day Convocation. (James McGill born October 6th, 1744, died December 19th, 1813.)

Thanksgiving Day. No lectures. Date to be announced by the Dominion Government.

October 17th, Saturday. Last day for submitting certificates relating to summer employment in the Faculty of Engineering.

October 26th, Monday. Last day for registration at the Registrar's Office and for payment of fees for students in the Faculty of Graduate Studies and Research.

October 29th, Thursday. Registration of Agriculture Diploma students.

November 9th, Monday. Autumn term examinations begin in the School for Teachers.

November 11th, Wednesday. Remembrance Day. No lectures.

November 16th, Monday to November 27th, Friday. First practice teaching period in the School for Teachers.

November 30th, Monday. Winter term begins in the School for Teachers.

December 5th, Saturday, to December 12th, Saturday. Examinations in French and German for Ph.D. students except the German test for those in Physics.

December 15th, Tuesday. First term ends in the Library School.

December 17th, Thursday, to December 22nd, Tuesday. Examinations in the Library School.

December 22nd, Tuesday. Last day of lectures and field work in the School of Social Work.

December 22nd, Tuesday. Last day of lectures in all other faculties and schools.

1954

January 4th, Monday. First term examinations begin in Arts, Science, Commerce, Fine Arts, Engineering, Architecture, Divinity, Physical Education, and Graduate Nurses. Lectures and field work resumed in the School of Social Work. Lectures resumed in Agriculture and Household Science.

January 5th, Tuesday. Second term begins in Law, Graduate Studies, and the Library School. Lectures resumed in Medicine, Dentistry, Music and Physical and Occupational Therapy.

January 11th, Monday, to January 22nd, Friday. Second practice teaching period in the School for Teachers.

January 11th, Monday. Second term begins in Arts, Science, Commerce, Fine Arts, Engineering, Architecture, Divinity, Physical Education, and the School for Graduate Nurses.

January 22nd, Friday. First term ends in the School of Social Work.

January 27th, Wednesday, to January 29th, Friday. Examinations in the School of Social Work.

February 1st, Monday. Second term begins in the School of Social Work.

February 10th, Wednesday. Founder's Day at Macdonald College. (Sir William Macdonald born February 10th, 1831, died June 9th, 1917.)

February 19th, Friday, and February 20th, Saturday. Mid-term weekend holiday.

February 20th, Saturday. Examinations in German for Ph.D. students in Physics only.

Dates to be announced. Library School trip.

February 23rd, Tuesday. Macdonald Royal.

February 27th, Saturday. Winter term lectures end in the School for Teachers.

March 1st, Monday, to March 12th, Friday. Third practice teaching period in the School for Teachers.

March 15th, Monday. Spring term begins in the School for Teachers.

April 2nd, Friday. Lectures end in Upper Years of Engineering and Architecture.

April 7th, Wednesday Examinations begin in Upper Years of Engineering and Architecture.

April 8th, Thursday. Last day for filing Ph.D. theses.

April 15th, Thursday. Lectures end in First Year Engineering and in all other faculties and schools except Music, Medicine, Dentistry, the Library School, and the School of Social Work.

April 16th, Friday, to April 19th, Monday (inclusive). Easter Vacation.

April 20th, Tuesday. Last day for filing theses for Masters' degrees.

April 20th, Tuesday. Examinations begin in Arts, Science, Commerce, Fine Arts, First Year Engineering, all years in Law, Divinity, Physical Education, Agriculture, Household Science, the School for Graduate Nurses, and the School of Physical and Occupational Therapy.

April 24th, Saturday. Examinations begin in the Theory of Music.

April 25th, Sunday. Baccalaureate Service at Macdonald College. 3 p.m.

April 26th, Monday. Examinations begin in Higher Theoretical Music.

April 30th, Friday. Lectures end in the Library School.

April 30th, Friday. Last day for reports on Ph.D. theses.

May 1st, Saturday. Last day for application for the majority of Graduate Fellowships.

May 1st, Saturday. Last day of lectures in Music.

May 1st, Saturday, to May 15th, Saturday. Final orals for Ph.D.

May 3rd, Monday. Practical Examinations in Music begin.

May 4th, Tuesday, to May 7th, Friday. Examinations in the Library School.

May 7th, Friday. Lectures end in the School of Social Work.

May 10th, Monday, to May 22nd, Saturday. Field work in the Library School.

May 12th, Wednesday, to May 14th, Friday. Examinations in the School of Social Work.

May 13th, Thursday. Last day for reports on Masters' theses.

May 17th, Monday. Full-time field work in First Year of the School of Social Work and full-time research work in Second Year begin.

May 17th, Monday. Final examinations begin in the School for Teachers and for Homemakers.

May 26th, Wednesday. Convocation.

May 30th, Sunday. Divine Service, School for Teachers and Homemaker class of the School of Household Science.

June 3rd, Thursday. Graduation exercises, School for Teachers and Homemakers class of the School of Household Science.

June 25th, Friday. Second term ends in the School of Social Work.

McGill University

Montreal

General Announcement

1953-1954

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

INDEX

PAGE

Administrative Officers 406

Admission:
- Age of 420
- Application for 418, 425
- Of Veterans 410
- To Arts and Science 411, 420, 421, 423, 428, 429
- To Faculties and Schools (see under the Faculty or School).
- To Professional Faculties 428
- To Upper Years of Arts and Science 428

Advanced Courses 427
Advanced Standing (Arts and Science) 428
Advisers (Arts and Science) 426
Age of Admission 420
Agriculture, Faculty of 414
Application Forms 418, 425
Architecture, School of 414
Arts and Science, Faculty of 411, 420
Attendance (Arts and Science) 428

Bursaries 419

Certificates Recognized 429
Classes of Student (Arts and Science) 425
Commerce, School of 411, 420

Degrees, General and Honours (Arts and Science) 427
Dentistry, Faculty of 414
Description of University 409
Divinity, Faculty of 415

Engineering, Faculty of 413
Entrance Requirements (see Admission).
Examination Marks (Arts and Science) 428

PAGE

Examinations Recognized 429

Faculties and Schools 406, 411
Faculty of Agriculture 414
" Arts and Science 411, 420
" Dentistry 414
" Divinity 415
" Engineering 413
" Graduate Studies and Research 415
" Law 412
" Medicine 411
" Music 415

French Summer School 417

General Degrees (Arts and Science) 426
Geography Summer School 417
Graduate Nurses, School for 416
Graduate Studies and Research, Faculty of 415

High School Teachers' Diploma 417
History of the University 409
Home Economics (see Household Science).
Honours Degrees (Arts and Science) 426
Household Science, School of 415

Junior Matriculation 419

Law, Faculty of 412
Library School 415
Limited Undergraduates 425

McGill College 411
Marks, Examination (Arts and Science) 428
Matriculation, Junior and Senior 420, 422
Medicine, Faculty of 411
Music, Faculty of 415

Nurses, School for Graduate 416

Occupational Therapy 417

	PAGE
Partial Students (Arts and Science)	425
Period of Study (Arts and Science)	426
Physical and Occupational Therapy, School of	417
Physical Education, School of	416
Professional Faculties	428
Registration (Arts and Science)	426
Requirements for Admission (see Admission).	
Residential Accommodation	418
Scholarships	419
School, Library	415
School for Graduate Nurses	416
School for Teachers	417
School of Architecture	414
" Commerce	411, 420
" Household Science	415
" Physical Education	416
" Physical and Occupational Therapy	417
" Social Work	417
Schools	406, 407, 408
Senior Matriculation	422
Social Work, School of	417
Summer Schools	417
Teachers, Training of	417
Terms (Arts and Science)	428
Undergraduates (Arts and Science)	425
Veterans' Affairs	410
Women Students	420

ADMINISTRATIVE OFFICERS

THE UNIVERSITY

B. C. Gardner, M.C., D.C.L., LL.D. — *Chancellor*

F. Cyril James, Chevalier de la Légion d'Honneur, Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal and Vice-Chancellor*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. — *Bursar*

T. H. Matthews, M.A., LL.D. — *Registrar*

Muriel V. Roscoe, M.A., Ph.D., D.Sc., LL.D. — *Warden of the Royal Victoria College*

Victor F. Obeck, B.S., M.A. — *Director of Athletics, Physical Education, and Recreation*

F. S. Howes, B.Eng., M.Sc., D.I.C., Ph.D. — *Director of Extension Courses*

Richard Pennington, B.A. — *Librarian*

E. C. Knowles, B.D., M.A. — *University Chaplain and Student Counsellor*

W. Stanford Reid, Th.M., M.A., Ph.D. — *Warden of Douglas Hall*

C. M. McDougall, D.S.O., B.A. — *Director of the University Placement Service*

FACULTY OF ARTS AND SCIENCE

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean*

C. D. Solin, M.A., Ph.D. — *Assistant Dean*

E. R. Adair, M.A. — *Secretary*

SCHOOL OF COMMERCE

H. D. Woods, M.A. — *Director*

FACULTY OF MEDICINE

G. Lyman Duff, B.Sc., M.A., M.D., Ph.D., F.R.C.P. (C.), F.R.S.C. — *Dean*

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Jack Waud, Mus.B. — *Secretary*

FACULTY OF LAW

W. J. C. Meredith, Q.C., M.A. — *Dean*
Maxwell Cohen, Q.C., B.A., LL.M. — *Secretary*

FACULTY OF DIVINITY

J. S. Thomson, M.A., D.D., LL.D., F.R.S.C. — *Dean*

FACULTY OF GRADUATE STUDIES AND RESEARCH

D. L. Thomson, M.A., Ph.D., LL.D., F.R.S.C — *Dean*
John Hughes, M.A. — *Secretary*

LIBRARY SCHOOL

Vernon Ross, B.S., M.A. — *Director*

SCHOOL OF PHYSICAL EDUCATION

J. B. Kirkpatrick, B.A., M.Ed., Ed.D. — *Director*
S. Iveagh Munro, B.Sc., M.A., Dip. M.S.P.E. — *Assistant Director*

SCHOOL FOR GRADUATE NURSES

Edith J. Green, B.A., B.S. in L.S., Dip. Nurs., R.N. — *Acting Director*

SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY

Guy H. Fisk, B.A., M.D., C.M., D.T.M. & H. — *Director*
Helen M. Nicholson — *Assistant Director*

SCHOOL OF SOCIAL WORK

JOHN J. O. MOORE, M.A., Ed.D. — *Director*

MACDONALD COLLEGE

W. H. BRITTAIN, M.S. in Agr., Ph.D., D.Sc., F.R.S.C.
Vice-Principal of Macdonald College and Dean of the Faculty of Agriculture

D. C. MUNROE, M.A. — *Director of the School for Teachers*

HELEN R. NEILSON, M.B.E., B.H.S., M.Sc.
Director of the School of Household Science

J. H. HOLTON, B.Com. — *Secretary*

A. B. WALSH, B.Sc. (Agr.) — *Registrar*

McGill University

A BRIEF DESCRIPTION

McGill University, founded under a bequest of the Hon. James McGill, a prosperous Montreal merchant who died in 1813, was established as a university by Royal Charter in 1821. It is privately endowed, the trustees of its funds being the Board of Governors who constitute "The Royal Institution for the Advancement of Learning".

The University has nine faculties and nine schools. Particulars of these are given on pages 411 to 418. Eight of the faculties are situated in Montreal where the University Campus lies on the lower slopes of Mount Royal, the hill from which the city takes its name. Macdonald College at Ste. Anne de Bellevue, about twenty-five miles from Montreal, is an incorporated College of the University, and houses the Faculty of Agriculture, the School of Household Science, and the School for Teachers.

McGill University is undenominational and has now for many years been co-educational in most of its faculties and schools. Admission is definitely selective, the number of students accepted into each faculty being limited. In the 1952-53 session the number of men students studying for either degrees or diplomas was 4516 and the corresponding number of women students was 1691. These students are drawn from every province of Canada and from many other countries, the connexions with Great Britain, the West Indies, and the United States naturally being strong. At present there are in residence at the University about 53 students from Great Britain and 375 from the United States.

The following pages are intended to give in a condensed form the preliminary information that a student who contemplates entering the University would require, together with the entrance requirements of the various faculties and a list of the certificates accepted. Details of the Junior and Senior School Certificates, the entrance examinations conducted by the University, are given in the School Certificate Announcement. Separate announcements of the several faculties and schools are published and a list of these is printed on the inside of the title page. There is also a pamphlet enclosed with this announcement which gives the fees in the various faculties and schools, a description of the University residences for men and women, an account of the Health Service, and a calendar of dates. The Registrar's Office will be pleased to send one or more of these announcements to anyone interested or to answer inquiries.

VETERANS' AFFAIRS

E. Clifford Knowles, B.D., M.A. *Student Counsellor*

ENTRANCE REQUIREMENTS

The Admissions Committees of the various faculties are anxious to allow returned men and women to try any course for which they have sufficient aptitude and sufficient preliminary training. The committees are therefore willing to consider applications from returned men and women who have approximately the following minimum qualifications:

For the First Year of Arts or Commerce: Good Junior Matriculation standing in English, Elementary Mathematics (Algebra and Geometry), a Modern or Classical Language, and one other subject.

For the First Year of Science or Engineering: Physics and Chemistry may replace either the Modern or the Classical Language in the above list.

For the Second Year of Engineering: Senior Matriculation standing in English, Mathematics (Algebra, Trigonometry, Co-ordinate Geometry), Physics, and Chemistry.

Students wishing to enter other faculties or years should write for information to the Registrar's Office.

ADVICE

Veterans who have any problems are recommended to consult Mr. Knowles, the Student Counsellor. Mr. Knowles has his office in the Arts Building.

Visits are made periodically to Macdonald College. For anything urgent, however, students may get in touch with Mr. Knowles through the Assistant Bursar at Macdonald College.

The Faculties and Schools of the University

A BRIEF OUTLINE WITH REFERENCES

Announcements of these faculties and schools giving further details may be obtained from the Registrar's Office.

For fees see the Pamphlet of General Information enclosed with this announcement.

I. McGILL COLLEGE (FACULTY OF ARTS AND SCIENCE)

Including the School of Commerce

(*See also page 420*)

Degrees offered: Bachelor of Arts (B.A.)
Bachelor of Science (B.Sc.)
Bachelor of Commerce (B.Com.)*

Period of Resident Study in the Faculty: Four years from Junior Matriculation or three years from Senior Matriculation (see School Certificate Announcement).

Minimum Entrance Requirements: Junior Matriculation for admission to the First Year. Junior and Senior Matriculation with second-class standing for admission to the Second Year. (*See pages 421 to 424.*) The entrance requirements for students from American schools and for students from Great Britain are stated on page 430.

Application Forms: For application forms apply to the Registrar's Office.

For further particulars of this faculty, see pages 420 to 430.

II. FACULTY OF MEDICINE

Degrees offered: Doctor of Medicine and Master of Surgery (M.D., C.M.).

Diplomas offered: The Diploma of Public Health (D.P.H.), the Diploma of Tropical Medicine and Hygiene (D.T.M. and H.), and diplomas for advanced study in the various clinical departments of the faculty.

Period of Study in the Faculty for the Degree: Four years.

*Students proceeding towards the B.Com. degree are registered in the School of Commerce.

Licence to Practise: A year of interneship, or a further year of study, is required before the University certifies that a graduate is entitled to take the qualifying examination of any of the licensing boards, so that the length of the full professional course is five years.

Entrance Qualifications: The normal requirement is a B.A. or a B.Sc. degree, but students with exceptionally high qualifications may apply for admission at the end of the third year of their course. The pre-medical work must include:—

Physics: One year of general college Physics with laboratory work.

Biology: One year of general Biology or Zoology with laboratory work. (One year of Zoology will be accepted, but Botany alone is not sufficient.)

Chemistry: Two years.

(*a*) One full year's course of General Chemistry with laboratory work.

(*b*) One full year's course of Organic Chemistry with laboratory work.

All candidates for admission to the Medical Faculty are required to take the Medical College Admission Test, or furnish a satisfactory explanation of reasons why they are unable to do so.

Students wishing to proceed towards medicine at McGill University are reminded that no specific "pre-medical" course is offered. Work preparatory to Medicine is taken while proceeding regularly towards the B.A. or the B.Sc. degree in the Faculty of Arts and Science. Students who are preparing for entrance to the Faculty of Medicine are advised that they should not choose subjects which properly belong to the medical course, but should devote their time to securing a thorough preparation in the fundamental scientific and humanistic subjects.

Students are strongly advised to make themselves familiar with the licensing regulations of the province or state in which they intend to practise and to take the necessary steps to become registered. The University requires Canadian students to register with the licensing body of their province before beginning their medical course.

Since the University can accept only a small percentage of those who apply, application should be made to the Secretary of the Faculty of Medicine as early as possible and in no case after January 1st.

For further details apply to the Secretary of the Faculty. Application forms for admission into the Faculty of Arts and Science or for admission directly into the Faculty of Medicine may be obtained from the Registrar's Office.

III. FACULTY OF LAW

The course in the Faculty of Law is based primarily on a study of the civil law as the fundamental law of Quebec. It also includes a study of Anglo-Canadian law in limited fields, as well as the principles of English and Canadian public law.

Degree offered: Bachelor of Civil Law (B.C.L.).

Period of Study for the degree: Three years.

Students proceeding to the legal and notarial professions are required to take an additional year of practical training and to pass further examinations.

Language Requirement: A good reading knowledge of the French language is required.

Entrance Qualifications: Candidates who have completed at least two years in the Faculty of Arts and Science at McGill University will be admitted to the Faculty as degree students without examination. Other candidates must satisfy the Faculty that they possess an equivalent qualification. Candidates who are proceeding to the Bar of the Province of Quebec must be Canadian citizens, hold the degree of B.A. from a Canadian or British university, or of a University or College the degree of which is recognized as the equivalent by Laval, McGill, and Montreal Universities, and satisfy the Bar examiners that they have successfully completed "the regular course in philosophy" in an approved university.

Candidates for admission to the notarial profession must be male Canadian citizens and hold the degree of B.A. from a Canadian or English university or a University or College the degree of which is recognized as the equivalent by Laval, McGill, and Montreal Universities.

Further information regarding admission to practise will be found in the Quebec Bar Act, 1925, R.S.Q., chap. 210 (as amended) and the Notarial Code, 1925, R.S.Q., chap. 211 (as amended).

Application forms for admission may be obtained from the Secretary of the Faculty.

IV. FACULTY OF ENGINEERING

Degrees offered: (1) Bachelor of Engineering (B.Eng.), in the Departments of Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mining Engineering, and in Engineering Physics; (2) Bachelor of Architecture. (*See* School of Architecture, *below*.)

Period of Study for the Degree: Five years from Junior Matriculation.

Entrance Qualifications: For admission to the First Year, Junior Matriculation as for B.Sc. with an average mark of at least 60% and with definite strength in Mathematics and Science (see page 421). For admission to the second year, full B.Sc. Junior Matriculation, and Senior Matriculation in English, Mathematics (Algebra, Trigonometry, and Co-ordinate Geometry), Physics, Chemistry, and one of Biology, French, Geography, German, History, Latin, or Spanish. The regulations are given in full in the School Certificate Examinations Announcement and in the Announcement of the Faculty of Engineering.

Students should not contemplate entering the Faculty of Engineering unless they have more than average mathematical ability. The minimum requirements in this subject are stated in the School Certificate Announcement. For further details see the Announcement of the Faculty of Engineering.

V. SCHOOL OF ARCHITECTURE (IN THE FACULTY OF ENGINEERING)

Degree offered: Bachelor of Architecture (B.Arch.).

Period of Study for the Degree: Six years from Junior Matriculation.

The entrance requirements in Architecture are the same as those for the Engineering courses (*see above*). The length of the course is six years, the first two years being identical with the first two years in Engineering.

For further details, see the Announcement of the Faculty of Engineering.

VI. FACULTY OF DENTISTRY

Degree offered: Doctor of Dental Surgery (D.D.S.).

Period of Study in the Faculty for the Degree: Four years.

Entrance Qualifications: At least two years in Arts and Science, including two years of lectures and laboratory work in Chemistry (inorganic and organic), and one year each of Physics and Biology (which must include a half year of Zoology). High School Physics will not be accepted. The requirement is one year of University Physics.

To be qualified to practise in the Province of Quebec, a student must have taken at least two years of the B.A. or B.Sc course in an English university of Canada recognized by McGill University. The student should also register with the College of Dental Surgeons of the Province of Quebec as soon as he is admitted to the First Year of the Faculty of Dentistry.

VII. FACULTY OF AGRICULTURE

This faculty is housed in Macdonald College at Ste. Anne de Bellevue, twenty-five miles from Montreal.

Degree offered: Bachelor of Science in Agriculture, B.Sc. (Agr.).

Diploma offered: Diploma in Agriculture.

Period of Study in the Faculty for the Degree: Four years.

For entrance qualifications, fees, and further details, see the Announcement of Macdonald College, which may be obtained from the Registrar, Macdonald College, P.Q.

VIII. FACULTY OF MUSIC

Degree offered: Bachelor of Music (Mus.B.).

Diplomas offered: Licentiate in Music (L. Mus.).
Associate in Music (A. Mus.).

Minimum period of study in the Faculty for the Degree: Three years.

For further details see the Announcement of the Faculty of Music.

IX. FACULTY OF DIVINITY

Degree offered: Bachelor of Divinity (B.D.).

Period of Study for the Degree: Three years.

Entrance Qualifications: A Bachelor's degree (preferably B.A.) from a recognized University.

For details, see the Announcement of the Faculty of Divinity.

X. FACULTY OF GRADUATE STUDIES AND RESEARCH

Degrees offered: Master of Arts (M.A.), Master of Science (M.Sc.), Master of Engineering (M.Eng.), Master of Architecture (M.Arch.), Master of Theology (S.T.M.), Master of Commerce (M.Com.), Master of Civil Law (M.C.L.),, Master of Psychological Science (M.Ps.Sc.), Master of Laws (LL.M.), Doctor of Philosophy (Ph.D.), Doctor of Psychological Science (D.Ps.Sc.), Doctor of Civil Law (D.C.L.), Doctor of Music (Mus.D.).

For details consult the Announcement of the Faculty of Graduate Studies and Research.

XI. SCHOOL OF HOUSEHOLD SCIENCE (IN THE FACULTY OF AGRICULTURE)

(Women Only)

Degree offered: Bachelor of Science in Home Economics [B.Sc. (H.Ec.)].

Diploma offered: See Macdonald College Announcement.

Period of Study for the degree: Four years.

For entrance requirements and other details see the Announcement of Macdonald College which may be obtained from the Registrar, Macdonald College, P.Q.

XII. LIBRARY SCHOOL (IN THE FACULTY OF ARTS AND SCIENCE)

Degree offered: Bachelor of Library Science (B.L.S.).

Period of Study: One year.

Entrance Qualifications: Bachelor's degree.

For details see the Announcement of the Library School.

XIII. SCHOOL OF PHYSICAL EDUCATION

(IN THE FACULTY OF MEDICINE)

Period of Study: Four years in the School leading to the degree of B.Sc. (P. Ed.).

Entrance Qualifications: Junior Matriculation.

For further particulars see the Announcement of the School of Physical Education.

XIV. SCHOOL FOR GRADUATE NURSES

(IN THE FACULTY OF MEDICINE)

CERTIFICATE COURSES

One-year certificate courses offered in:

1. Teaching in Schools of Nursing.
2. Public Health Nursing.
3. Supervision in Psychiatric Nursing.
4. Supervision in Obstetric Nursing.
5. Supervision in Paediatric Nursing.

Advanced Courses

6. Administration in Schools of Nursing.
7. Administration and Supervision in Public Health Nursing.

Entrance Qualifications: Junior Matriculation or its equivalent, and graduation from an approved school of nursing.

Satisfactory professional experience is a prerequisite.

DEGREE COURSES

Two-year courses leading to a degree of Bachelor of Nursing (B.N.), with specialization in the following fields:

1. Teaching and Supervision in Schools of Nursing.
2. Public Health Nursing.
3. Administration in Schools of Nursing.
4. Administration and Supervision in Public Health Nursing.

Entrance Qualifications: Senior Matriculation or its equivalent, and graduation from an approved school of nursing.

Satisfactory professional experience is a prerequisite.

For details see the Announcement of the School for Graduate Nurses.

XV. SCHOOL OF SOCIAL WORK (IN THE FACULTY OF ARTS AND SCIENCE)

A two-year course leading to the degree of Master of Social Work (M.S.W.).

Entrance Qualifications: A Bachelor's degree from a university or college of recognized standing. Applicants should have completed, with superior standing, an undergraduate course providing a broad liberal education, with a substantial core in the social sciences, particularly sociology, psychology, economics, and political science.

For details see the separate Announcement of the School of Social Work.

XVI. SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY (IN THE FACULTY OF MEDICINE)

(Women Only)

Period of Study: Three years in the School leading to a diploma.

Entrance Qualifications: Senior Matriculation or its equivalent.

For further particulars see the separate Announcement of the School of Physical and Occupational Therapy.

XVII. FRENCH SUMMER SCHOOL (IN THE FACULTY OF ARTS AND SCIENCE)

A residential summer school with an entirely French staff, offering undergraduate and graduate courses.

Dates: 30th June to 11th August.

Inclusive Fee (tuition, room, and board): $285.

For special Announcement apply to the Director, French Summer School, Arts Building, McGill University.

XVIII. GEOGRAPHY SUMMER SCHOOL (IN THE FACULTY OF ARTS AND SCIENCE)

A residential summer school held at Stanstead, Que., and offering undergraduate and graduate courses.

Approximate dates: 25th June to 2nd August.

Inclusive Fee (tuition, room, and board). $215.

For special Announcement, apply to the Director, Summer School in Geography, Arts Building, McGill University.

XIX. TRAINING OF TEACHERS

The McGill University Department of Education offers (in Montreal) a one-year course to graduates of approved universities who wish to be teachers. Under certain conditions those who complete this course may

qualify for the High School Diploma of the Province of Quebec. These conditions are given in the Announcement of the Faculty of Arts and Science under "Education". This course in certain circumstances (see Announcement of the Faculty of Graduate Studies and Research) may lead later to an M.A. degree in Education. For further particulars, apply to the Chairman, Department of Education, Arts Building, McGill University, Montreal 2.

For details of courses in the School for Teachers, leading to Kindergarten, Elementary, and Intermediate Diplomas, see the Macdonald College Announcement.

APPLICATION FOR ADMISSION TO ALL FACULTIES

Application forms for all years in the Faculties of Arts and Science, and Engineering, and for the First Year in Medicine, Dentistry, and Divinity may be obtained from the Registrar's Office. Application for admission to other faculties or years should in the first instance be made by letter to the Registrar.

All letters of inquiry should indicate the degree or diploma in which the candidate is interested, so that specific advice can be given regarding entrance requirements.

ADMISSION FROM OTHER UNIVERSITIES

A student of another university applying for advanced standing or for exemption from any subject or subjects which he has already studied must submit with his application a certified copy of his academic record, and may in addition be required to submit a Calendar or Bulletin of the University in which he has previously studied. He should also arrange to have sent separately to the University a confidential report from an officer of instruction or administration who is familiar with his work.

RESIDENTIAL ACCOMMODATION

The University maintains a number of residences which are described in the General Information Pamphlet enclosed with this Announcement. Space is limited, however, and the University does not undertake to provide living accommodation for all *men* students. Application for, and admission into, an academic course are entirely separate from application for, and admission into, a University residence. Residential application forms can be obtained from the individual residence or from the Registrar's Office.

SCHOLARSHIPS AND BURSARIES

Details of the University Entrance Scholarships and of other scholarships, bursaries, and loan funds are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

PHYSICAL EDUCATION REQUIREMENT

Students must register for two hours of physical education activities per week during their Freshman year in the Faculty of Arts and Science or the Faculty of Engineering. All candidates for a degree must satisfy this requirement.

The Faculty of Arts and Science

For further particulars see page 411 and also the separate Announcement of the Faculty.

The undergraduate work of the University in the Humanities, and in Social Sciences (B.A.), in the Physical and Biological Sciences (B.Sc.), and in Commerce (B.Com.) is done in McGill College, usually called the Faculty of Arts and Science. Complete details of these courses are given in the separate Announcements of the Faculty of Arts and Science and the School of Commerce, but the information on page 411 and the following notes will, it is hoped, answer most of the inquiries a student entering the first or second year of the Faculty would wish to make before actually coming to the University.

Correspondence should in the first instance be sent to the University Registrar.

WOMEN STUDENTS

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men.

Women students whose homes are outside Montreal must make application for residence before May 31st to the Warden of the Royal Victoria College. At the same time, they must submit their academic applications. Forms for these purposes are obtainable from the College or from the Registrar's Office. (*See also pages 307 to 310 of the General Information Pamphlet enclosed with this Announcement.*)

AGE OF ADMISSION

Except in special circumstances, no student under the age of sixteen is admitted to the First Year, or under the age of seventeen to the Second Year.

ENTRANCE REQUIREMENTS

Eligibility to enter the University through Junior or Senior Matriculation is determined fundamentally by reference to the standards maintained by the McGill School Certificate Examinations. These examinations are described in detail in the School Certificate Examinations Announcement, but the names of the required papers are given below. The pass mark is in all cases 50%. Certain other public examinations also recognized for admission to the University are listed on pages 429 and 430. A student with incomplete qualifications cannot be admitted as a regular undergraduate.

ENTRANCE THROUGH McGILL SCHOOL CERTIFICATE EXAMINATIONS

1. ENTRANCE TO THE FIRST YEAR (Junior Matriculation)

To qualify for admission to the first year of the Faculty of Arts and Science a candidate must pass within a period of sixteen months in each of the ten McGill School Certificate papers listed below, or their recognized equivalents.

If a candidate has failed in a paper or if his average falls below the required value, he may ask for reconsideration of his application on the basis of re-written papers, but the final mark will be counted in all cases.

(*a*) *For admission to the First Year of the B.A. course* a candidate must pass in each of the following papers in the University's Junior School Certificate and obtain an average of at least 65% on the examination as a whole.

No. of Papers	Subject
2	English
1	*General *or* British History
2	Latin *or* Greek
2	French; Latin; Greek; German; Spanish
2	Elementary Algebra *and* Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Drawing; Geography; Canadian History; Physics; Music; Intermediate Algebra; Trigonometry; *or* a foreign language not already chosen (the average of the two papers in a foreign language is counted)
10 papers	

A candidate who has not taken Latin or Greek in the entrance examination may be admitted if he has the full B.Sc. or B.Com. qualifications with an average mark of at least 70%. If he is admitted he will be required to include two years of Latin or Greek in his B.A. programme.

(*b*) *For admission to the First Year of the B.Sc. course* a candidate must pass the following papers in the University's Junior School Certificate Examination and normally obtain at least 70% upon the examination as a whole. Special consideration may, however, be given to B.Sc. candidates who have secured an average of 65% to 70% and have shown special distinction in such scientific subjects as they have taken in their matriculation, i.e., Mathematics, Chemistry, Physics, Biology, or Botany.

*1953 only. Beginning with the 1954-55 session, General History will be required.

No. of Papers	Subject
2	English
1	*General *or* British History
2	French *or* German (both papers)
1	Elementary Algebra
1	Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen), *or* any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology *and* Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) Canadian History (h) Music *or* Drawing (Music *and* Drawing may not both be chosen)
10 papers	

(*c*) *For admission to the first year of the B.Com. course* a candidate must pass the following papers in the University's Junior School Certificate Examination and obtain at least 65% upon the examination as a whole.

No. of Papers	Subject
2	English
1	*General *or* British History
2	Elementary Mathematics (Algebra and Geometry)
2	Greek, Latin, French, German, *or* Spanish (French preferred)
3	Chosen from the following: Any one or more of the above languages not already chosen; Intermediate Algebra, Trigonometry, Chemistry, Physics, *either* Biology *or* Botany, Geography, Canadian History; and either Music or Drawing.
10 papers	

*For the 1953-54 session only. Beginning with the 1954-55 session, General History will be required.

2. ENTRANCE TO THE SECOND YEAR (Senior Matriculation)

A candidate may be considered for admission to the Second Year of the Faculty of Arts and Science if he has passed in the appropriate ten papers of the McGill Junior School Certificate Examination, or their recognized equivalents, and if he has passed within a period of sixteen months in the papers of the McGill Senior School Certificate Examination, or their recognized equivalents, with an average of at least 70% on the examination as a whole. Special consideration may, however, be given to candidates who have received an average of 65% to 70% if they have obtained high standing in all such subjects as they have taken in the examination which are appropriate to the degree course which they wish to enter. These are: *in Arts*—English, Languages, History; *in Science*—Mathematics, Physics, Chemistry, Biological Science; *in Commerce*—English, History, Mathematics.

The same provisions regarding re-written papers apply to Senior Matriculation as apply to Junior Matriculation (see page 421).

Only in exceptional circumstances may a student who has not qualified for entrance to the First Year through Junior Matriculation be admitted to the Second Year by Senior Matriculation alone.

(*a*) *For admission to the Second Year of the B.A. course* —

English

Latin *or* Greek

Mathematics (*see footnotes* [1] *and* [2])

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[1]Two papers: one in Algebra and one in Trigonometry. Candidates who have passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry. The paper in Co-ordinate Geometry, written in addition to the other two, if necessary, is strongly recommended for candidates who intend to study for Honours in Mathematics, Physics, or Chemistry.

[2]All B.A. candidates are advised to offer Mathematics as one of the Senior Matriculation subjects. If, however, a student intends to follow an Honours course in one of the Humanities, or in Political Science, or in History, he may in certain circumstances be permitted to offer another subject in which he has shown marked proficiency in place of Mathematics. The regulations governing the matter are quite specific, and any student who contemplates making the substitution should, *before he commences his Senior Matriculation year*, consult the School Certificate Examinations Announcement or the Announcement of the Faculty of Arts and Science to make sure that he is eligible.

Any two of the following:—

1. History
2. Latin *or* Greek (the one not already chosen)
3. French
4. German
5. Spanish
6. Science (Physics *or* Chemistry *or* Biology)
7. Music
8. Geography

Candidates who intend to apply for entrance to the Faculty of Medicine at the end of the Third Year of the B.A. course must take Mathematics.

(*b*) *For admission to the Second Year of the B.Sc. course* —

English

Mathematics[1]

Physics

Chemistry

French *or* German[2] *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography

(*c*) *For admission to the Second Year of the B.Com. course* —

English

Mathematics[1]

Accountancy[3]

A modern foreign language

History, *or* a second foreign language, *or* a Science (including Geography)

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[1]For B.Sc. and B.Com.—two papers, one in Algebra and one in Trigonometry. Candidates who have passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry.

The paper in Co-ordinate Geometry, written in addition to the other two, if necessary, is strongly recommended for candidates who intend to study for Honours in Mathematics, Physics, or Chemistry.

[2]A candidate who has passed the two papers in Junior French may obtain Senior B.Sc. or B.Eng. standing in German by passing the Junior examinations in this subject.

[3]Applications of students who have substituted another subject for Accountancy may be considered if their standing is high enough.

FURTHER INFORMATION

Full details of the above examinations are given in the School Certificate Examinations Announcement.

APPLICATION FOR ADMISSION

It is advantageous for candidates to make preliminary application, on the proper forms, as early in the year as possible, supplementing this later with the required certificates, transcripts, etc., as these become available.

Applicants should note that clear photo-copies of original documents are acceptable if submitted in duplicate. Sending such copies avoids the risk of losing the originals in the mails.

The Admissions Committee also requires a confidential report from the Principal of the applicant's school. This may if desired be made on a form obtainable from the Assistant Dean.

Students whose native language is not English must satisfy the Assistant Dean that their command of written and spoken English is adequate.

The number of students admitted is limited, and the Faculty is not bound to accept all applicants who have passed the required examinations.

CLASSES OF STUDENT IN THE FACULTY

(1) *Regular Undergraduates:* Students with complete matriculation qualifications taking the regular work of their year towards a degree.

(2) *Limited Undergraduates:* Students with complete matriculation qualifications who have been given the permission of the Dean of the Faculty to distribute the four years' work over five or more years (but not more than eight years), on the understanding that the sequence of courses conforms to the regular undergraduate rules and time table.

Limited Undergraduates are not eligible for scholarships, bursaries, or prizes of any description and may not read for an honours degree.

(3) *Partial Students:* Students not registered as proceeding to a degree who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the lecturer in the course concerned that they have sufficient ability to do the work in such a course. Applications may be refused if limitation of space in lecture rooms and laboratories requires it. A student who has tried and failed to matriculate is not allowed to register as a partial student except in special circumstances.

If a partial student hopes to secure credit for a course, he or she must fulfil all the requirements of classroom work and tests which are prescribed for that course for regular students.

A partial student who has successfully passed the courses of a previous year is not necessarily accepted at a later session.

Subject to the above limitations, lectures are open to partial students in both honours and general classes. Such a student may request the Registrar to issue a certificate stating that he has followed certain courses and showing his class standing in each. Work taken by a partial student cannot, however, be counted towards a McGill degree without a special vote of Faculty.

Partial students are not eligible for scholarships, bursaries, medals, or prizes.

PERIOD OF STUDY

The regular length of the course for a B.A., B.Sc., or B.Com. degree is four years from Junior Matriculation, or three years from Senior Matriculation. Students from other universities are sometimes admitted to the upper years, but the bachelor's degree is never conferred upon a student who has spent less than two years in the Faculty.

REGISTRATION

First Year students register on Monday, September 21st, in the Sir Arthur Currie Gymnasium-Armoury, from 9.00 a.m. to 4.00 p.m.

Upper year students register on Monday, September 28th, and Tuesday, September 29th, from 9.00 a.m. to 4.00 p.m.

After the above official days of registration a special late registration fee must be paid (see General Information pamphlet).

No student is admitted after October 17th except by special permission of the Dean.

Special regulations for the registration of women students are given in the General Information pamphlet.

ADVISERS

Students may consult the Dean, any of the Group Chairmen, or the Assistant Dean, at any time. Women students may also consult the Warden of the Royal Victoria College.

FIRST YEAR PROGRAMME

The academic programme of a student in the First Year of the Faculty is generally similar to the Senior Matriculation subjects (*See pages 423 to 424*) required for direct admission to the Second Year, but a greater number of optional subjects is provided within the University. An exception is the compulsory course in Economic History in the First Year of Commerce, for there is no course equivalent to this in Senior Matriculation.

ADVANCED COURSES IN THE FIRST YEAR

The Departments giving instruction in the First Year offer special lectures or work of a more advanced character to students with adequate qualifications. These advanced courses are generally arranged by the Departments when lectures actually commence.

Students in the First Year who have the necessary qualifications may be permitted by the Dean to take one or more Second Year courses.

GENERAL DEGREES AND HONOURS DEGREES

An undergraduate in the Faculty of Arts and Science may proceed to a General Degree, involving the study of a fairly wide range of subjects with a limited amount of specialization, or to an Honours Degree which, after the Second Year, necessitates almost complete specialization in either one or two subjects. For details see the Announcement of the Faculty of Arts and Science.

The word "Honours" is used in the Faculty of Arts and Science in the above sense only. Students who have shown marked ability while proceeding to a General Degree may be awarded Distinction or Great Distinction upon graduating, but do not obtain Honours.

Students in the School of Commerce who specialize in Economics may obtain Honours in this subject. Other students in the School may be awarded Distinction or Great Distinction.

COURSES

Study for degrees in the Faculty is conducted by the following Departments:

Anatomy
(s) Bacteriology and Immunology
(s) Biochemistry
(s) Botany
(s) Chemistry
(a) Classics (Latin and Greek)
(a) Economics and Political Science
Education
(a) English (including some work in Theatre Arts)
Fine Arts
Genetics
(a,s) Geography
(s) Geological Sciences
(a) German
(a) History
(a,s) Mathematics
Music
(a) Philosophy
(s) Physics
(s) Physiology
(a,s) Psychology
Religion
Romance Languages [French(a); Spanish, Italian]
(a) Sociology and Anthropology
(s) Zoology

Certain interdepartmental courses are offered as well.

Students proceeding to the B.Com. degree also take courses in

Accounting	Commercial Law
Business Organization and Industrial Management	Marketing
	Science in Economic Life

Departments offering Honours courses for the B.A. degree are marked (a): those offering Honours courses for the B.Sc. degree are marked (s). B.Com. students who undertake sufficiently specialized work in Economics or Political Science (Public Administration) may obtain an Honours degree in one or other of these subjects.

ATTENDANCE

Students in the First and Second Years are required to attend at least seven-eighths of the total number of lectures and of the total number of laboratory periods in each course.

EXAMINATION MARKS

The pass mark in all examinations is 50 per cent, and the minimum marks for first and second class standing are 80 per cent and 65 per cent respectively.

THE TWO TERMS

The regular session is divided into two terms, the first starting about the 1st of October and the second starting about the 12th of January. In the first term, however, lectures in the compulsory courses of the First Year begin a week earlier. (For Calendar, see the General Information Pamphlet.) Students commencing a year in the Faculty are normally permitted to enter only at the beginning of the Fall term.

ADMISSION TO THE SECOND AND THIRD YEARS

Applications for entrance to the Second and Third Years of the Faculty should be made to the Registrar's Office on the proper forms, and must be accompanied by complete details of previous school and university work. (*See also pages 418, 423.*)

To obtain a bachelor's degree a student must spend at least two years in McGill College.

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

Each undergraduate in the Faculty is required to register for one of the three bachelor's degrees offered (see page 411), and, unless otherwise instructed by the Dean, must follow the regular work of his year toward this degree.

Students intending to transfer into one of the professional faculties before graduating in Arts and Science should make themselves familiar with the entrance requirements of the faculty they seek to enter and should see that the courses they choose conform with these requirements.

For details concerning the granting of the B.A. or B.Sc. degree to students who transfer into the Faculty of Medicine or the Faculty of Dentistry at the end of the Third Year, see the Announcement of the Faculty of Arts and Science.

SCHOLARSHIPS AND BURSARIES

A separate announcement giving details of scholarships and bursaries may be obtained from the Registrar's Office.

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, in certain circumstances, the equivalent of Junior or Senior Matriculation standing for admission to the Faculty of Arts and Science, the Faculty of Engineering, and other faculties and schools.

The Admissions Committees of the various faculties require generally that:

(1) The certificate has been obtained under no easier conditions than those of McGill Matriculation.

(2) The subjects of the examination and the school course followed are those the University requires.

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without first having obtained an official acceptance of their application.

The following gives a brief outline of the certificates and examinations *which will be considered on their merits* towards meeting the University entrance requirements. For more extensive lists and further details see the School Certificate Examinations Announcement.

1. *For admission to the First Year of the B.A., B.Sc., B.Com., B.Eng., B.Arch., B.Sc. (Agr.), B.Sc. (H.Ec.), and B.Sc. (P.Ed.) courses:*

Canada

The recognized Junior Matriculation or equivalent examinations of the various provinces.

Great Britain

In the General Certificate of Education, passes in five subjects excluding Religious Knowledge will be the normal standard for admission.

United States

The tests of the College Entrance Examination Board. All candidates from the United States are advised to write these tests, preferably at the January or the March session. The Scholastic Aptitude tests and three Achievement tests, the latter chosen in consultation with the applicant's school Principal, should be taken. Further particulars are available from the Registrar's Office.

Miscellaneous

Other certificates such as those issued by universities or public examining boards will be judged on their merits and accepted if they meet all the University requirements.

2. *For admission to the Second Year of the B.A., B.Sc., B.Com., B.Eng., B.Arch., B.Sc. (Agr.), B.Sc. (H.Ec.), and B.Sc. (P.Ed.) courses, to the First Year of the School of Physical and Occupational Therapy, and to the degree course in Nursing:*

Canada

The recognized Junior and Senior Matriculation or equivalent examinations of the various provinces.

Great Britain

In the General Certificate of Education, passes in six subjects, including three appropriate subjects at Advanced level.

United States

Completion of one year in an approved college with a suitable syllabus and good grades.

McGill University

Montreal

School Certificate Examinations

June and September 1954

McGill University

Montreal

School Certificate Examinations

June and September 1954

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (available for distribution only to libraries and officials of certain institutions.)

INDEX

	Page
Accountancy	536
Admission:	
To Agriculture	513
To Arts and Science	511, 533
To Engineering	513, 535
Algebra	525, 526, 545
Analytical Geometry—*See Co-ordinate Geometry*	
Arithmetic	524
Art—*See Drawing*	
Biology	514, 537
Botany	516
Certificates Recognized	530, 547
Chemistry	517, 539
Co-ordinate Geometry	545
Drawing	518, 540
Elementary Algebra	525
Elementary Geometry	526
English	519, 540
Fees	506
French	520, 542
Geography	521, 543
Geometry	526, 545
German	522, 544
Greek	523, 544
History	523, 544
Junior Matriculation	505, 511
Junior School Certificate	505, 506, 509
Latin	524, 544
Mathematics	524, 545
Music	527, 545
Physics	527, 546
Spanish	529, 547
Senior Matriculation	505, 533
Senior School Certificate	505, 506, 532
Trigonometry	526, 545

The School Certificate

The Junior School Certificate examination is intended as a test for pupils who are completing their secondary school education.

The requirements for the certificate are given below, and also the requirements for admission to various courses at McGill University. It must be emphasized that these are not the same thing. To matriculate, i.e. to enter the University, a candidate must write and pass all the papers required by the faculty he wishes to enter and obtain the average mark the faculty has set. Thus, to enter the Faculty of Arts and Science an applicant must write ten papers (see page 511), although he may obtain the Junior School Certificate by writing eight papers only.

The Senior School Certificate examination is intended as a corresponding test for pupils who have done one year of academic work beyond that required for the Junior School Certificate.

The standard of the senior papers is approximately that of the First Year examinations in the Faculty of Arts and Science, but the certificate does not automatically confer the right to enter the Second Year of any university course.

For the conditions under which these certificates will admit into the various faculties of the University, see pages 511 to 514 and pages 533 to 535.

School Certificate Examinations

GENERAL REGULATIONS

JUNE AND SEPTEMBER EXAMINATIONS

The School Certificate examinations are held in June and September—in June at McGill University and also at local centres; in September, at McGill University only. The time-tables for these examinations are issued in February each year.

All inquiries relating to the examinations should be addressed to the Registrar of the University.

APPLICATION FORMS

Every candidate for examination is required to fill in an application form and return it to the Registrar's Office with the necessary fee before the 20th of May* or the 20th of August, for the June or September examinations respectively. After these dates applications may be accepted for the Montreal centre only. A special late fee of $1.00 is charged for such applications.

FEES

Junior Examination. The Junior Examination fee is $2.00 per paper with a maximum fee of fifteen dollars.

Senior Examination. The Senior Examination fee is $3.00 per paper with a maximum fee of twenty dollars.

REGULATIONS CONCERNING FEES

In centres outside Montreal candidates may be required to pay the whole or part of the expenses of invigilation.

A fee of $1.00 is charged for late applications (*see above*).

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*Candidates wishing to take the Senior School Certificate examination in Oral French (*see page 543*) at a centre outside Montreal must notify the Registrar in writing before the *first of April* in addition to making application on the usual forms. The University will then decide whether this examination can be held at the requested centres.

No refunds are paid to candidates after the last day of registration (20th May or 20th August), excepting only when a candidate is absent throughout the whole examination on account of illness, and a medical certificate to this effect is presented within four weeks of the close of the examination.

Fees paid for one examination cannot be credited towards a subsequent examination.

CERTIFICATES

The examinations may be taken in parts but the University will issue a School Certificate only on the results of examinations written within a period of sixteen months.

This rule also applies to the recognition of certificates granted by other examining bodies.

School Certificates are issued only to candidates who have passed the complete University School Certificate Examination.

TEXTBOOKS

JUNIOR SCHOOL CERTIFICATE

The University does not recommend or refer to specific textbooks in the syllabi of its Junior School Certificate Examinations, except in Mathematics. Set "texts", however, form an essential part of the language papers.

SENIOR SCHOOL CERTIFICATE

The University has also discontinued the recommendation of some of the Senior School Certificate textbooks, but in other subjects it is considered desirable that the work should follow closely that of the corresponding course in the first year of the Faculty of Arts and Science, and in such subjects the textbooks used in the University courses have been retained as Senior School Certificate textbooks for the present.

CONSULTATION WITH DEPARTMENTS

The University Departments concerned will be pleased to give school principals or specialist teachers advice concerning methods or books of reference, and to discuss problems that may arise in connection with the syllabi for either the Junior or the Senior School Certificate Examinations. The Registrar will be glad to arrange such conferences.

PREVIOUS PAPERS

Books containing the examination papers set in either June or September of any one year may be obtained from the University Bookstore, 3480 University Street, at forty cents a copy, so long as quantities last.

PUBLICATION OF RESULTS

Each candidate will receive a statement of his results as soon as they are ready. The certificates are sent to successful candidates a little later.

A list of the successful candidates is published in the Press. This list gives the class of the certificates obtained and any distinctions gained, but does not give any relative order of merit within the three classes.

The actual marks in each paper are sent to each candidate and are given on the back of the certificate but are not otherwise published.

Junior School Certificate

REQUIREMENTS FOR THE CERTIFICATE

To obtain a School Certificate a candidate must complete the requirements within a period of sixteen months. This allows four attempts in the June and September examinations of two successive years.

For first and second-class certificates two attempts only are allowed. For details, see page 510.

The pass mark in each paper is fifty per cent. To obtain the certificate a candidate must write eight papers chosen according to the regulations that follow and must *either* pass in every paper *or* obtain an average of at least sixty per cent in the eight papers with no individual mark below forty per cent.

COMPULSORY PAPERS

English Literature
English Composition
*French Grammar and Comprehension

OPTIONAL PAPERS

Five papers on optional subjects must be chosen from not less than two of the three groups below:

GROUP I	GROUP II
Algebra	French Translation and Authors
Geometry	German (two papers)
Chemistry	Spanish (two papers)
Physics	Latin (two papers)
Botany	Greek (two papers)
Biology	
Intermediate Algebra	
Trigonometry	
Higher Arithmetic	

*The University may, in special circumstances, permit candidates to substitute another modern language for French.

GROUP III

General History
British History *or* Canadian History
Geography
Art
Music

A candidate may write more than eight papers—in fact ten are required for entrance to the University (see page 511)—but the certificate is awarded on the eight papers only. If a successful candidate writes more than eight papers, the class of the certificate he receives is reckoned on the subjects in which he has the highest marks. If such a candidate offers a subject, such as Latin, which has two papers, the marks in both these papers must either count towards the certificate or be neglected, i.e., a candidate cannot count towards his certificate the better of two Latin marks and the better of two German marks.

FIRST, SECOND, AND THIRD CLASS CERTIFICATES

Successful candidates are awarded a School Certificate of the first, second, or third class.

To obtain a first or second class certificate a candidate must complete the examination in not more than two attempts within a period of sixteen months and may write a part of the examination at each attempt. The marks obtained in his first attempt will always be counted towards a third class certificate, but will not be counted towards a first or second class certificate if he fails in more than one paper. To obtain a first or second class certificate such a student must rewrite the whole examination, and the certificate will be awarded solely on the marks obtained at the second attempt.

An average of 80% or over in all the papers required for the certificate entitles a candidate who has complied with the previous regulation to a first class certificate.

An average of 70% or over obtained under the same conditions, entitles a candidate to a second class certificate. Other successful candidates receive a third class certificate.

DISTINCTIONS

Candidates who obtain 80% or over in any subject are given distinction in this subject. Distinction is not given in *single* papers of Mathematics or the languages (including English).

ENTRANCE REQUIREMENTS OF FACULTIES ADMITTING STUDENTS ON THE BASIS OF THESE EXAMINATIONS (JUNIOR MATRICULATION)

FACULTY OF ARTS AND SCIENCE

To qualify for admission to the first year of the Faculty of Arts and Science a candidate must pass (i.e. obtain 50%) within a period of sixteen months in each of the ten McGill School Certificate papers listed below, or their recognized equivalents. For entrance to the B.A. or B.Com. course, an average mark of at least 65% must be obtained in the ten papers combined. For entrance to the first year of the B.Sc. course, the candidate must normally obtain an average of at least 70%. Special consideration may, however, be given to B.Sc. candidates who have secured an average of 65% to 70% and have shown special distinction in such scientific subjects as they have taken in their matriculation, i.e. Mathematics, Chemistry, Physics, Biology, or Botany.

If a candidate for admission to the Faculty of Arts and Science chooses to re-write one or more papers in which he has already passed, in an attempt to raise his average sufficiently to meet the entrance requirements, his application may be given consideration subject to the provision that only the mark obtained in the *final* attempt at the paper will be counted.

1. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.A. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	General History
2	Latin *or* Greek
2	Two papers in Greek *or* Latin (the one not already chosen), *or* French, *or* German, *or* Spanish
2	Elementary Algebra Elementary Geometry

1	One of the following: Biology; Botany; Chemistry; Drawing; Geography; Physics; Music; Intermediate Algebra; Trigonometry; Canadian History *or* British History; a foreign language not already chosen (the average of the two foreign language papers is counted).

10 papers

2. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	General History
2	French *or* German (both papers)
2	Elementary Algebra Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen) *or* any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology and Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) British History *or* Canadian History (h) Music *or* Drawing (Music and Drawing may not both be chosen)

10 papers

3. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Com. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	General History

2	{Elementary Algebra Elementary Geometry
2	Latin, Greek, French, German, *or* Spanish (French preferred)
3	Chosen from the following: Any one or more of the above languages not already chosen, Intermediate Algebra, Trigonometry, Chemistry, Physics, Biology (or Botany), Geography, British *or* Canadian History, and *either* Music *or* Drawing.

10 papers

FACULTY OF ENGINEERING

ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Eng. AND B.Arch. DEGREES

The subjects required for admission into the first year of the Faculty of Engineering are the same as those required for the first year of the B.Sc. courses. A general average of 60%, with not less than 60% in each paper in Mathematics, Physics, and Chemistry, is required.

FACULTY OF AGRICULTURE

1. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. (Agr.) DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	History
2	Latin *or* French *or* German *or* Spanish (French preferred)
2	{Elementary Algebra Elementary Geometry
1	Physics *or* Chemistry *or* Biology
2	EITHER Latin *or* French *or* German *or* Spanish (if not already chosen); OR Any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry

(c) *Botany *or* *Biology

(d) Chemistry

(e) Physics

(f) Drawing

(g) Geography

(h) British *or* Canadian History

(i) Music (Household Science candidates only. Music and Drawing may not both be chosen.)

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10 papers

2. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. (H.Ec.) DEGREE

The requirements are those of the B.Sc. (Agr.) courses printed above, with the modifications noted.

PRESCRIPTION OF WORK IN EACH SUBJECT

For the examinations in June and September 1954

In all papers marks will be deducted for errors in spelling and grammar.

BIOLOGY

One examination paper.

All the subjects mentioned should be studied practically, both in the field and in the classroom. Vivaria and aquaria should be kept and plants should be grown in soil and water culture. Pupils should be encouraged to collect material and so add to the school museum. Typical preparations and demonstration dissections should be made. In small classes pupils might do some dissection personally. Simple experiments should be used wherever possible. The use of a hand lens is essential for every pupil and a microscope should be available.

I. *Plants: Algae:* one unicellular type, and either Spirogyra or Ulothrix. *Fungi:* Bacteria, Yeast, Bread mould, Wheat rust, a Mushroom. *Lichens:* general study only. *Bryophyta:* Marchantia or any one Moss. *Pteridophyta:* a Fern. *Gymnosperms:* a Conifer. *Angiosperms:* one herbaceous monocotyledon, one herbaceous dicotyledon, one dicotyledonous tree.

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*Botany and Biology may not both be chosen.

The following points should be considered in studying the above: adaptation to environment, structure, life-history, physiology, seasonal changes.

II. *Animals: Protozoa:* Amoeba, Paramoecium, Plasmodium. *Coelenterata:* Hydra. *Platyhelminthes:* Tape worm. *Annelida:* Earthworm. *Arthropoda:* Crayfish or Grasshopper. *Pisces:* Perch or any other fish. *Amphibia:* Frog. *Reptilia and Aves:* the external characters of any one reptile and any one bird. *Mammal:* Rabbit or Rat.

The following points should be considered in studying the above: adaptation to environment, structure, physiology (including locomotion, nutrition, circulation, respiration, secretion, excretion, nerve control, action of hormones, growth), reproduction, seasonal changes.

III. *General:* The general structure of a plant cell and of an animal cell as seen in Spirogyra and Amoeba. Euglena as illustrating both plant and animal characters. The properties of living matter. The differences between animals and plants.

Elementary outlines of the principles of heredity and variation among plants and animals.

Simple evidence of the theory of evolution.

IV. *Field Natural History:* Trees and animals of the neighbourhood. Relation of plants and animals to their physical environment and to one another in *one* type of community, such as woodland, pasture, cultivated land, swamp, or an aquatic community. The dominant plants and animals of this community.

V. A general study of the interrelations of plants and animals with man, and of the importance of plants and animals as sources of food, shelter, clothing, and commercial products, with special reference to the types studied in sections I and II.

Suggested topics:

Plants: Green plants as basic food supply. Plant geography and plant industries of North America in relation to climate. Organic decay and the carbon and nitrogen cycles. Control of pathogenic bacteria and fungi.

Animals: Protozoan and other parasites as causal agents of disease. Insects, useful and injurious, in relation to human health, farm stock, crops, and forests. The place of birds in nature. Food animals. Fur-bearing animals in relation to climate.

BOTANY

One examination paper.

All the subjects mentioned should be studied practically. Aquaria should be kept, plants grown in soil and water culture, and simple physiological experiments carried out. The use of a hand lens is essential for every pupil and a microscope should be available.

The items of the syllabus may be studied in any suitable order.

I. Organs and Cells

The general external characters and structure of a flowering plant considered in relation to its mode of life.

Structure of a plant cell; properties of protoplasm; types of cell.

II. Types and Classification

The general structure, life history, relation to environment, and broad classification of the following types:

Thallophyta: Algae—Oscillatoria, Protococcus, Spirogyra, Oedogonium, Fucus, or Laminaria.

Fungi—Bacteria, Yeast, Mould, Mushroom, other Fungi, including at least one parasitic form.

Lichens—general.

Bryophyta: A Liverwort, a Moss.

Pteridophyta: A Fern, Equisetum, Selaginella.

Spermatophyta: Gymnosperms—one Conifer type and general characters of other local species.

Angiosperms—a Monocotyledon; Dicotyledons—herbaceous and tree types. General structure of flower, fruit, and seed. Comparison with homologous structures of preceding types.

Leading characters of the groups listed above. Trends in the evolution of a many celled body and of sexual reproduction as illustrated by the algal types, and of alternation of generations and adaptation to land life as displayed by the higher forms.

General characteristics and common plants of the following families of flowering plants: Liliaceae, Gramineae, Orchidaceae, Ranunculaceae, Rosaceae, Leguminosae, Umbelliferae, Solanaceae, Labiatae, Compositae.

III. Physiology and Histology

Elements of the microscopic structure of a typical leaf, root, herbaceous stem, and woody stem studied in relation to the functions of the organ and its parts.

Essentials of nutrition (photosynthesis, mineral nutrition, storage of foods, special modes of feeding), respiration, water relations, growth, tropisms, and reproduction. The organism as a whole. Seasonal changes in perennial herbs and trees.

IV. Field Natural History

Common trees and some other plants of the neighbourhood. Elements of the ecology of at least one local area, such as wood, meadow, swamp, or seashore. Adaptation to environment. Modes of pollination and of distribution and germination of seeds.

V. Heredity

Elementary outline of the principles of heredity and variation as applied to plants.

VI. Relation to Man

Green plants as the basic food supply. Man's staple food plants. Nature and source of other important plant products, e.g., lumber, fibres, paper, rubber. Useful bacteria and fungi; organic decay, carbon and nitrogen cycle. Pathogenic bacteria and fungi and their control. Main types of vegetation found in North America, with emphasis on Canada; their relation to climate and to human activities.

CHEMISTRY

One examination paper.

The proficiency in Chemistry will be examined on evidence of an elementary knowledge of:

The properties of matter as required to establish the Molecular Theory of Gases, the Atomic Theory, the Theory of Ionization, and the Periodic Law.

The composition, physical properties, and chemical transformations of common materials such as the atmosphere, natural waters, common minerals and ores, metals and alloys, foodstuffs, and textiles.

The preparation and properties of the more common non-metallic elements: Hydrogen, Carbon, Nitrogen, Oxygen, Silicon, Sulphur, and Chlorine together with their simple compounds of economic importance.

The preparation and properties of the more common metallic elements: Sodium, Calcium, Magnesium, Aluminium, Iron, Copper, and Silver, together with their simple compounds of economic importance.

The principal chemical industries including the fixation of nitrogen, the utilization of brines as in the preparation of soda ash, sodium hydroxide and chlorine, the distillation of petroleum products, and the utilization of wood cellulose.

The nature of chemical reaction including the factors affecting the rate of chemical reaction, exothermic and endothermic reactions, the principle of mass action, the nature of oxidation and reduction as exemplified by combustion and the winning of metals.

An elementary conception of valence in the formation of electrovalent and covalent compounds.

DRAWING

One examination paper.

Candidates must take two parts. They may take:

(a) Parts I and II

or (b) Parts III and IV

or (c) *one* of III and IV and *one* of V and VI.

PART I

Elementary problems in the graphic geometry of the circle, ellipse, and plane rectilinear figures.

PART II

(*a*) Reproduce freehand ornament designs from flat copies.

(*b*) Make drawings, by freehand, or otherwise, of objects described, illustrating the principles of perspective.

(*c*) Make outline drawings of objects placed at a short distance.

PART III

Make a drawing in light and shade, with charcoal or pencil, of a plaster cast or a still life group.

PART IV

Make water colour drawings of still life groups.

PART V—COMMERCIAL ART

(*a*) Lettering, including Roman and Gothic.

(*b*) Posters, Magazine Page Advertisements.

(*c*) Illustration, in colour and otherwise.

PART VI—CRAFT DESIGN

(*a*) Principles of ornament and decoration.

(*b*) Historic Styles.

(*c*) Themes, compositions, or designs, founded on flowering plants, birds, fishes, butterflies, animals, and humans, for specific purposes, such as: wall papers, embroideries, silver and copper work, jewellery, stained glass, decoration of pottery, cups and saucers, etc.

ENGLISH

Two examination papers: one in Composition, and one in Literature.

COMPOSITION

Short essays on general subjects including at least one question in which the candidate is addressing a particular audience. There will be a wide choice of subjects but the practice of setting essays on the general readings in English Literature has been discontinued. There are no special readings required for the Composition paper.

LITERATURE

For critical study:

1 Poets:	1954	Coleridge, Wordsworth, Browning, Arnold
		to alternate with
	1955	Byron, Shelley, Keats, Tennyson
		as in Dilworth, *Nineteenth Century Poetry*
2 Shakespeare:	1954	*Julius Caesar* or *Hamlet*
	1955	*Richard III* or *Henry IV Part I*

For general reading:

3 Novels:	1954	*Either* Hardy, *Far from the Madding Crowd*
		or Thackeray, *Henry Esmond*
		and
		either Cather, *Shadows on the Rock*
		or Lever, *Henry Lorrequer*

1955 Dickens, *Pickwick Papers* or *Nicholas Nickleby* or *David Copperfield*
and
either Austen, *Pride and Prejudice*
or Roberts, *Northwest Passage*

4 Shakespeare: 1954 *Henry V* or *A Midsummer Night's Dream*
1955 *As You Like It* or *Romeo and Juliet*

5 Essays: Selections from the essays of *any three* of the following writers—Bacon, Addison, Steele, Goldsmith, Lamb, Hazlitt, Stevenson, Emerson,
and
Selections from the work of any 20th century essayist or essayists (not necessarily in a single volume).

A total of not less than twenty essays will be expected in the two categories taken together.

6 Twentieth Century Literature:

1954: One of the following:

Shaw, *Saint Joan*
Galsworthy, *Strife* or *Loyalties*
Curie, *Madame Curie*
Agnes Newton Keith, *Land Below the Wind*
A collection of modern poetry
A collection of modern short stories

FRENCH—1954 only. The Syllabus is now being considered and will be available before the beginning of the 1954-55 session.

Two examination papers: one in Grammar and Comprehension; the other in Translation and Authors.

GRAMMAR AND COMPREHENSION

The examination will consist of the following four parts:

A. Oral Comprehension

Either a passage in French will be read to the candidates who will then be asked to anwer, in English, questions on this passage, or a French dictation will be given.

B. Written Comprehension

One or more short passages in French will be given to the candidates to read. They will then be asked to answer, in English, questions on these passages.

C. French Composition

A short essay to be written in French upon a topic selected by the candidate from a list printed on the examination paper.

D. Grammar

(a) Simple English sentences to be translated into French.

(b) Questions on fundamental grammatical forms (plurals, tenses of verbs, feminines, etc.).

A detailed syllabus may be obtained from the Registrar's Office.

TRANSLATION AND AUTHORS

A. Translation from English into French.

B. Translation from French into English:
one sight passage,
one or more passages from the texts.

C. Questions on the texts to be answered in French.

French Texts:

1954. Molière, Le Bourgeois Gentilhomme (Dryden Press, ed. A. and H. Dickman); Daudet, Lettres de Mon Moulin (Heath, ed. O. T. Robert).

GEOGRAPHY

One examination paper.

Geography is taken to be primarily the study of the earth as the home of differentiated communities and cultures; this calls for a clear understanding of the ways in which men have shaped the habitable parts of the environment to their own ends and have themselves been influenced in the process. It also calls for an examination of the functional role of land forms, rivers, climates, vegetation, etc., in guiding human activities.

It is assumed that candidates will know how to handle topographic, climatic, and distributional maps, and that they will be able to draw simple sketch maps (e.g. of their home area). They may be asked to insert data on a base map of a given country or continent, and to describe and analyze the geographical features of selected photographs.

A. General Geography (two-fifths of the course)

A study of the world in outline, with special reference to the following subjects:

Size, shape, and movements of the earth.

Latitude and longitude.

Distribution of land and water.

Tidal phenomena and ocean currents.

Land forms and the agencies modifying them.

Configuration and surface characteristics of the continents.

Factors determining climates: the broad distribution of winds, temperature, rainfall, vegetation, and animal life.

Major natural regions and their characteristic human economies.

B. Regional Geography (two-fifths of the course)

Canada and the United States in considerable detail. Emphasis should be placed on the geographical factors influencing their settlement and subsequent economic development.

C. Maps (one-fifth of the course)

The elements of map-making and map-reading. Candidates are expected to show familiarity with the topographical maps produced by the Hydrographic and Map Service Branch of the Department of Mines and Resources.

GERMAN

Two examination papers: one on prescribed texts, and one on grammar and translation of continuous passages from German into English and from English into German.

B.A.

Texts (Translation and grammatical study): Guerber, Märchen und Erzählungen Vol. 1. (Heath), Numbers 1, 2, 5, 6, 7, 8, 11, 12, 13, 14,

15; A. Sapper, Frieder, Im Thüringer Wald (F. S. Crofts & Co., New York, 1934).

Grammar: A thorough knowledge of German accidence and syntax.

Translation at Sight from English into German and German into English of easy prose passages.

B.Sc.

Texts (Translation and grammatical study): Guerber, Märchen und Erzählungen Vol. 1, (Heath), Numbers 1, 2, 5, 6, 7, 8, 11, 12, 13, 14, 15; and Fiedler and Sandbach, A first German Course for Science Students (Oxford University Press).

Grammar: A knowledge of German accidence and syntax.

Translation at Sight of sentences from English to German and of easy prose passages from German into English.

GREEK

Two examination papers: one on Colson and Grammar; the other on Allen and Composition.

Texts: Colson, Greek Reader, Parts III, IV, V (Macmillan); Allen, The First Year of Greek, Lessons 1-34 inclusive, with the Exercises belonging to these lessons (Macmillan).

Grammar: Knowledge of grammar will be tested by translation and by grammatical questions based on the specified texts.

HISTORY

One examination paper is offered in each of the three following fields:

(*a*) *General History from 1600-1939*

(*b*) *British History from 1714-1939*

(*c*) *The History of Canada with related topics in the History of the United States from the age of discovery until 1939.*

A Guide to Reading containing references and suggestions for teachers and students who are preparing for these History papers may be obtained from the Registrar's Office.

LATIN

Two examination papers: one on the Prose authors and Composition; the other on the Poets, Sight Translation, and the textbook *Everyday Life in Rome.*

Texts (Translation and Grammatical study)

Bonney and Niddrie, *Latin Prose and Poetry* (Ginn & Co.)

Cicero III, V, and Letters III, V, VI.
Nepos III, IV, V, VI, IX, XI.
Livy I, VII, VIII.
Pliny IV.
Virgil, Part 1. I-VII.
Part 2. Georgics IV, V.
Aeneid III, IV.
Ovid II, III, VI, VIII, IX, X.
Horace IV, V, VI.
Catullus III, IV, V, VII.

Treble and King, *Every-day Life in Rome* (Oxford)

Knowledge of grammar will be tested by translation and composition, and by questions in grammar based on the specified texts.

Translation at Sight from Latin into English (with the aid of a vocabulary of unfamiliar words).

Composition. Translation into Latin of detached sentences. The vocabulary is based upon the texts studied.

(There will be no questions set upon: subordinate clauses in indirect narration; temporal clauses with *dum*, *donec*, and *quoad*; *antequam* and *priusquam*; *quin* and *quominus* clauses; causal and concessive clauses.)

NOTE—The "Roman" method of pronouncing Latin is recommended.

MATHEMATICS

ELEMENTARY MATHEMATICS

HIGHER ARITHMETIC

One examination paper.

1. Addition, subtraction, multiplication, and division of integers. Factors, highest common factor, and least common multiple.

2. Properties of vulgar fractions including addition, subtraction, multiplication, and division. Complex fractions.

3. Properties of decimals including the conversion of vulgar fractions into decimals and vice versa. Extraction of square root. Contracted multiplication and division of decimals.

4. Simple properties of ratio and proportion. The unitary method.

5. Simple properties of percentages, e.g., changing a fraction to a percent and vice versa, finding what per cent one number is of another.

6. Units of measurement and changing from one unit to another. A knowledge of the standard tables of weights and measures will be expected, e.g., length, area, volume, capacity (liquid and dry), apothecaries (fluid and weight), avoirdupois and troy weight, time, English and Canadian monetary systems. The metric system.

7. Simple mensuration of the rectangle, triangle, parallelogram, trapezoid, circle, cylinder, cone, and pyramid.

8. The construction and interpretation of simple graphic and other representative diagrams of concrete numbers.

Candidates will be expected to apply the preceding principles to the solution of simple problems such as the making of solutions and preparation of dosages, the relation between pressure and temperature of a gas, the comparison between Fahrenheit and Centigrade thermometer scales, etc.

Students should be taught to apply rough approximations, such as

$$\frac{3.1416 \times \sqrt{64.37}}{\sqrt[3]{126}} \simeq \frac{3 \times 8}{5} \simeq 5$$

to check the accuracy of their work, and they should also be shown how to use tables of squares, square roots, cubes, and cube roots of integers and decimals. A knowledge of circulating decimals will not be required.

ELEMENTARY ALGEBRA

One examination paper.

Elementary rules, involution, evolution, fractions, indices, surds, simple and quadratic equations involving one or more unknown quantities, simple graphs, ratio and proportion, as in High School Algebra by J. T. Crawford (Revised Edition, 1940) published by Macmillan and Co., pp. 1-320, or similar textbooks.

ELEMENTARY GEOMETRY

One examination paper.

The paper will contain questions on practical and on theoretical geometry.

In practical geometry, where the validity of a construction is not obvious, the reasoning by which it is justified may be required. Every candidate must provide himself with a ruler graduated in inches and tenths of an inch, and in centimeters and millimeters, a set square, a protractor, compasses, and a hard pencil. All figures should be drawn accurately.

The questions on theoretical geometry will consist of theorems contained in the textbook prescribed, together with questions upon these theorems, easy deductions from them, and arithmetical illustrations. Any proof of a proposition will be accepted if it forms part of a systematic treatment of the subject.

In the proof of theorems and deductions from them, the use of hypothetical constructions will be permitted. Proofs which are only applicable to commensurable magnitudes will be accepted.

Textbook recommended:—Geometry for High Schools by W. J. Lougheed and J. G. Workman, published by the Macmillan Co. of Canada (1941), omitting pp. 223-224, 242, 308-314, 323-329, or the same subject matter in any similar textbook.

INTERMEDIATE MATHEMATICS

Four-figure mathematical tables will be provided.

INTERMEDIATE ALGEBRA

One examination paper.

Arithmetic, geometric, and harmonic progressions, variation, permutations and combinations, binomial theorem, logarithms, number system, theory of quadratic equations, as in Intermediate Algebra by H. Tate, published by Sir Isaac Pitman and Son, Toronto, or as in similar textbooks.

INTERMEDIATE TRIGONOMETRY

One examination paper.

Measurement of angles, radian measure, trigonometrical ratios of functions of one angle, of two angles, and of a multiple angle, relations between the sides and angles of a triangle, easy problems on heights and distances, easy trigonometrical equations, as in Elementary Trigonometry by H. S. Hall and S. R. Knight, adapted for use in Canadian Schools (1940 edition), published by the Macmillan Company of Canada, Chaps. I to XI inclusive, omitting paragraph 113a, or as in similar textbooks.

MUSIC

The Intermediate Grade Certificate of McGill University in practical subjects and the Junior Grade Certificate in theoretical, *or* vice versa. (Details will be found in the Announcement of the Conservatorium of Music.)

PHYSICS

One examination paper.

The following are the main topics required in Mechanics, Heat, Electricity, and Magnetism.

Mechanics

Measurements of length, area, volume, mass, and weight. The beam and spring balances.

Uniform and uniformly accelerated motion in a straight line; Newton's laws of motion and simple applications of them. Motion under gravity; the law of gravitation. Moments of forces; composition of parallel forces, equilibrium of forces (parallelogram and triangle laws); centre of gravity, Work, energy, power. Sliding friction. Mechanical advantage of a machine; levers, pulleys, wheel and axle, differential pulley and differential wheel and axle, inclined plane, wedge, screw; efficiency of a machine. Density and specific gravity. Fluid pressure, Pascal's law; hydraulic press. Relation between pressure and depth. Buoyancy; Archimedes Principle; floating bodies. Measurement of specific gravity of solids and liquids; specific gravity bottle, hydrometer.

Weight and pressure of air; barometers, determination of altitude, weather forecasting, Boyle's Law. Air pumps and compressors. Pressure gauge. Suction and force pumps, siphon.

Surface tension and capillarity (qualitative treatment).

Heat

Elementary ideas of the structure of matter and kinetic theory of gases. Sources of heat. Temperature; construction of a liquid in glass thermometer, fixed points, graduation; Centigrade and Fahrenheit scales. Expansion of solids, coefficient ot linear expansion; expansion of liquids, anomalous expansion of water. Expansion of gases, Charles' Law, absolute temperature; the gas equation.

Heat quantity and its measurement in calories and B.T.U., specific heat, capacity for heat; calorimetry by method of mixtures. Change of state; fusion and solidification; effect of pressure on melting point; heat of fusion; freezing mixtures; vaporization, rate of evaporation, saturated vapour, boiling, effect of pressure change (including altitude); heat of vaporization of water; cooling by evaporation. Condensation of water in the air; dew point; relative humidity, wet and dry bulb hygrometer, humidity and health; atmospheric phenomena—fog, clouds, dew, frost, rain, snow, hail.

Mechanical equivalent of heat; steam engine.

Conduction of heat, solids, liquids, and gases; convection, currents in fluids, winds; radiant heat, emission and absorption; heating of buildings, ventilation; refrigeration.

Magnetism

Natural and manufactured magnets; polarity, attraction and repulsion. Magnetic induction, magnetic field. Molecular theory of magnetism. The earth as a magnet; compass, declination, dip.

Static Electricity

Electrification by friction, attraction and repulsion, two kinds of electrification; conductors and insulators; electrons; gold leaf electroscope. Electrification by contact and by induction; testing charge on a body; induced charge equal to inducing charge; charges by friction equal and opposite; charges reside on outside of empty hollow conductor. Action of points, lightning rods. Potential, capacity, condensers, Leyden jars.

Current Electricity

Magnetization of steel by discharge of Leyden jars.

Voltaic cell, electric circuit, series and parallel arrangements. The magnetic, chemical, and thermal effects of a current; Oersted's experiment, magnetic field due to a straight wire, circular wire, and helix; polarity. Action of one current on another, Ampère's Laws, tangent and moving coil galvanometers. Electromagnet. Electric bell and telegraph. Electrolysis of water, laws of electrolysis, coulomb, measurement of current; electroplating. Voltaic cell, chemical action, electromotive force, polarization, local action. Leclanché and dry cells. Storage cells, lead accumulator. Heat developed by current; electric iron, fuses, incandescent lamp and arc light. Ohm's Law; practical units, ampere, volt, ohm; fall of potential in circuit, method of substitution for measuring resistance.

Law of dependence of resistance on length and cross-section of cylinder. Work done in a circuit, rate of working in circuit and in lamp. Ammeters and voltmeters.

Electromagnetic induction; Faraday's experiments. Induction coil. Dynamo, armature, field magnets, commutator for D.C. electric motor, transformer, telephone.

SPANISH

Two examination papers.

One paper will contain questions on grammar, and sentences to be translated from English into Spanish.

The second paper will contain questions on the set text, including translation and comments on the grammar and contents. It will also contain the translation into English of an unseen Spanish passage, and the translation into Spanish of an unseen English passage.

Text prescribed: John W. Crow, *Spanish American Life* (Holt).

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, in certain circumstances, the equivalent of Junior or Senior Matriculation standing for admission to the Faculty of Arts and Science, or the Faculty of Engineering, or other faculties and schools.

Admission to the various faculties is based upon standards set from time to time by each faculty. The Admissions Committees require generally that:

(1) The certificate has been obtained under no easier conditions than those of McGill Matriculation,

(2) The subjects of the examination and the school course followed are those the University requires,

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without having obtained an official acceptance of their application.

The following certificates will be considered *on their merits* towards meeting the University requirements for the equivalent of Junior Matriculation. It should be particularly noted that possession of a certificate which is listed does not guarantee acceptance.

Candidates for admission offering certificates which are not a full equivalent may be required to pass one or more McGill papers.

PROVINCE OF QUEBEC

The High School Leaving Certificate
The Catholic High School Leaving Certificate

PROVINCE OF ONTARIO

Ontario Secondary School Graduation Diploma with four options.

PROVINCE OF NEW BRUNSWICK

Junior Matriculation

PROVINCE OF NOVA SCOTIA

Grade XI Certificate

PROVINCE OF PRINCE EDWARD ISLAND

Second Year Certificate of Prince of Wales College

PROVINCE OF BRITISH COLUMBIA

Junior Matriculation

PROVINCE OF MANITOBA

Grade XI Certificate

PROVINCES OF ALBERTA AND SASKATCHEWAN

Grade XI

NEWFOUNDLAND

Grade XI Certificate

GREAT BRITAIN

In the General Certificate of Education, passes in five subjects (other than Religious Knowledge) will be the normal standard for admission. The various faculties specify which subjects must have been passed.

UNITED STATES

1. McGill University recognizes the examinations conducted by the College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey. All candidates from the United States must write these tests.

2. Applicants for admission should preferably write the January or the March tests, taking the Scholastic Aptitude Test and three Achievement Tests. The Achievement Tests should be chosen in consultation with the applicant's school Principal. Further particulars are obtainable from the Registrar's Office.

3. In addition, applicants must submit their complete High School record and should arrange for a confidential letter from the school Principal or other competent officer to be mailed directly to the University.

MISCELLANEOUS

Other certificates, such as those issued by universities or recognized public Examining Boards, will be judged on their merits and accepted insofar as they meet the entrance requirements.

Senior School Certificate

REQUIREMENTS FOR THE CERTIFICATE

To obtain the Senior School Certificate the candidate must pass in English Literature and English Composition and in at least three of the following subjects:

Accountancy	Greek
Biology	History
Chemistry	Latin
Drawing	Mathematics
French	Music
Geography	Spanish
German	Physics

To satisfy the examiners in a language the candidate must pass in each of the two papers in this language.

To satisfy the examiners in Mathematics the candidate must write and pass at least two of the three papers offered in this subject.

PASS MARK

The pass mark in each paper is fifty percent.

CLASSES OF CERTIFICATE

Successful candidates are awarded a Senior School Certificate of the first, second, or third class.

To obtain a first or second class certificate a candidate must complete the examination in not more than two attempts within a period of sixteen months and may write a part of the examination at each attempt. The marks obtained in his first attempt will always be counted towards a third class certificate, but will not be counted towards a first or second class certificate if he fails in more than one paper. To obtain a first or second class certificate such a student must rewrite the whole examination, and the certificate will be awarded solely on the marks obtained at the second attempt.

An average of 80% or over in all the papers required for the certificate entitles the candidate who has complied with the previous regulation to a first class certificate.

An average of 70% or over obtained under the same conditions, entitles a candidate to a second class certificate. Other successful candidates receive a third class certificate.

DISTINCTION

Candidates who obtain 80% or over in any subject are given distinction in this subject. Distinction is not given in *single* papers of Mathematics or the languages (including English).

UNIVERSITY ENTRANCE REQUIREMENTS (SENIOR MATRICULATION)

Under certain conditions, a candidate may qualify for admission into the second year of the Faculty of Arts and Science or the Faculty of Engineering by writing and passing the required papers of the Senior School Certificate Examination.

FACULTY OF ARTS AND SCIENCE

A candidate may be considered for admission to the second year of the Faculty of Arts and Science if he has passed in the appropriate ten papers of the McGill Junior School Certificate Examination, or their recognized equivalents, and if he has passed within a period of sixteen months in the papers of the McGill Senior School Certificate Examination, or their recognized equivalents, with an average of at least 70% on the examination as a whole. Special consideration may, however, be given to candidates who have received an average of 65 to 70% if they have obtained high standing in all such subjects as they have taken in the examination which are appropriate to the degree course which they wish to enter. These are: *in Arts*—English, Languages, History; *in Science*—Mathematics, Physics, Chemistry, Biological Science; *in Commerce*—English, History, Mathematics.

The faculty regulation concerning re-written Senior papers is the same as that concerning Junior papers (see page 511).

Only in exceptional circumstances may a student who has not qualified for entrance to the first year through Junior Matriculation be admitted to the second year by Senior Matriculation alone.

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.A. DEGREE

English
Latin or Greek
Mathematics (*see following paragraph and also footnote on page 534*)

Any two of the following:—

1. History
2. Latin *or* Greek (the one not already chosen)
3. French
4. German
5. Spanish
6. Science (Physics *or* Chemistry *or* Biology)
7. Music
8. Geography

Candidates for admission to the University in the second year of the B.A. course may offer, in place of Mathematics, another Senior Matriculation subject in which they have shown marked proficiency and which is in accordance with the trend of the studies which they are preparing to pursue. In general, however, students are advised to offer Mathematics. It is a pre-requisite to all advanced courses in the Science division and must be taken if either Physics or Chemistry is included in the Senior Matriculation programme. It is also a required subject for students who intend to take courses in the Social Sciences, excluding History and Political Science. For this reason, unless a student intends to honour in one of the Humanities (English, Languages, Philosophy) or in Political Science or in History, Mathematics is obligatory. In any case, no student will be permitted to offer another subject in place of Mathematics unless he or she has passed in the Elementary Mathematics of the Junior School Certificate, or their equivalent, and has achieved at least 75% in the Junior School Certificate examinations in History, or a Modern Language, or Classics. Only a subject in which this 75% is obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, candidates are expected to choose History as their substitute.

Candidates who wish to enter the Faculty of Medicine at the end of the B.A. course must take Mathematics.

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.Sc. DEGREE

English
Mathematics*

*Two papers: one in Algebra and one in Trigonometry. Candidates who have passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry. The paper in Co-ordinate Geometry, written in addition to the other two, if necessary, is strongly recommended for candidates who intend to study for Honours in Mathematics, Physics, or Chemistry.

Physics

Chemistry

French *or* German* *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.Com. DEGREE

English

Mathematics**

Accountancy***

A modern foreign language

History *or* a second foreign language *or* a Science (including Geography)

FACULTY OF ENGINEERING

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.Eng. AND B.Arch. DEGREES

English

Mathematics (all three papers are required)

Physics

Chemistry

French *or* German* *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography.

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*A candidate who has passed the two papers in Junior French may satisfy the Senior B.Sc. or B.Eng. German requirements by passing the Junior examination in German.

**Algebra and Trigonometry. However, a candidate who has passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry.

***Applications of students who have substituted another subject for Accountancy may be considered if their standing is high enough.

PRESCRIPTION OF WORK IN EACH SUBJECT

For the examinations in June and September 1954

In all papers marks will be deducted for errors in spelling and grammar.

ACCOUNTANCY

One examination paper.

Double-entry Book-keeping, including all subsidiary books and ledgers, up to and including the use of Control, Total, or Balancing Accounts; closing off of ledgers; preparation of Trading and Profit and Loss Statements and Balance Sheets.

Books specially required:

Cash-Book suitable for an office where all cash and cheques received are banked daily, all payments above a certain amount are made by cheque, and all lesser payments through petty cash. Cashier to be able to show the balance in the bank at any time at very short notice.

Cash-Book suitable for an office where sums of cash are kept in the office, in addition to petty cash, and deposits in bank do not include whole of receipts. Cashier to be able to show balances of cash, etc., in office and in bank at any time, and at very short notice.

Departmental Sales and Purchases Journals for recording transactions in different classes of goods.

General Journal ruled so as to segregate items according to ledgers into which they are to be posted, in order that totals may be posted to control accounts.

Other matters specially required:

Bills and Notes Payable Registers.
Imprest System of Petty Cash.
Reserve for Bad Debts, Discounts, and Depreciation.
Inward and Outward Consignments.
Inward and Outward Freight on Merchandise purchased and sold.
Accrued Expenses and Deferred Charges.
Single Entry Book-keeping.
Use of Working Sheets.

Candidates may be required to define and explain such terms as the following:

Invoices; I.O.U.'s; promissory notes; bills of exchange and parties thereto; acceptances, endorsements, etc.; cheques; bills drawn in a set, bills of lading; capital and revenue receipts and expenditure; current and fixed assets; capitalization.

Marking is arranged so as to prevent any candidate obtaining a pass unless he has shown that he has a sound knowledge of what is outlined in the first paragraph. No candidate is passed who does not show that he understands Control Accounts and their uses. For this purpose subsidiary ledgers and their control accounts in the General Ledger must be shown in full; in addition, the books of original entry must be so ruled and organized that they will produce the required figures no matter how large may be the quantity of items dealt with.

ART—*See Drawing.*

BIOLOGY

One examination paper.

The botanical part of this syllabus is the same as for Junior School Certificate Botany (p. 516) with the following modifications:—

(a) further knowledge of the ecological interrelation of plants and animals is required.

(b) knowledge of the characteristics of particular families of flowering plants is *not* required.

In order to fulfil the requirements of the syllabus satisfactorily, pupils must undertake individually the dissection of animals, section-cutting of plant tissues, microscopic examination of small organisms and tissues, and simple physiological experiments.

A more intensive study of the Junior School Certificate syllabus is expected, with extension along the following lines:

I. The structure, life-history, principles of classification, and evolutionary relationships of the following, based on practical study:

Plants:

Thallophyta:	Algae—Oscillatoria, Protococcus, Spirogyra, Oedogonium, Fucus or Laminaria,
	Fungi—Bacteria, Yeast, Mould, Mushroom, other Fungi including at least one parasitic form.
	Lichens—general.
Bryophyta:	A Liverwort, a Moss.
Pteridophyta:	A Fern, Equisetum, Selaginella.

Spermatophyta: Gymnosperms—one Conifer type and general characters of other local species.

Angiosperms —a Monocotyledon; Dicotyledons— herbaceous and tree types. General structure of flower, fruit, and seed. Comparison with homologous structures of preceding types.

Leading characters of the groups listed above. Trends in the evolution of a many celled body and of sexual reproduction as illustrated by the algal types, and of alternation of generations and adaptation to land life as displayed by the higher forms.

Animals:

Protozoa—Amoeba, Euglena, Paramoecium, Plasmodium.

Cœlenterata—Hydra, Obelia.

Platyhelminthes—Fasciola, Taenia.

Annelida—Lumbricus, external characters of a Polychaete.

Arthropoda—Crayfish, Grasshopper.

Mollusca—Clam or Snail.

Cephalochorda—Amphioxus.

Pisces—Dogfish.

Amphibia—Frog.

Mammalia—Rabbit or Rat, skull of Dog or Cat.

Comparison of the various organ-systems in the animals listed.

Asexual and sexual reproduction. Alternation of generations.

Elements of vertebrate embryology as found in the developing Frog and in the Chick (up to end of third day of incubation), to be studied practically.

II. Physiology: structure in relation to function.

Plants—Microscopic structure of a typical leaf, root, herbaceous stem, and woody stem studied in relation to the functions of the organ and its parts.

A fuller knowledge of the principal physiological processes as outlined in the Junior Syllabus. This should be based on simple experiments carried out by the student, which he may be asked to describe.

Animals—The chief physiological processes, as outlined in the Junior Syllabus, should be studied more fully and comparatively in all the types listed in Section 1.

Tissues and organs and their functions as observed in Vertebrates.

Respiratory pigments. Vitamines, Hormones Commensalism. Parasitism.

III. Field Natural History and Ecology.

This should be extended beyond the Junior Syllabus to include study of several biotic communities of the neighbourhood, with some knowledge of the dominant plants and animals in each and their relation to one another and to the physical environment.

Life zones and living natural resources of Canada.

IV. Heredity and Evolution.

The main principles of heredity and variation among plants and animals.

Cytological basis of heredity.

Evidences of organic evolution.

CHEMISTRY

One examination paper.

A general survey of Inorganic Chemistry including the Kinetic and Atomic Theories, molecular, atomic, and equivalent weights, the theory of ionization with elementary examples of ionic equilibrium, rates of chemical reaction and the law of mass action, oxidation and reduction, the electromotive series of the metals, the periodic law, the electronic theory of valence, and the preparation and properties of the more important elements and their compounds.

This is to be accompanied by descriptive and quantitative experiments including volumetric analyses, illustrative of the important principles and theories.

The student's notebook, setting forth his own laboratory work (together with any problems or exercises carried out in connection with the laboratory work), certified by the Instructor and the Principal of the School, must be forwarded to the Registrar for the examiner's evaluation *before the date of the written examination.*

DRAWING

No examination paper.

Students applying for Senior School Certificate standing in Drawing must present a portfolio of original work. The portfolio must be accompanied by a statement signed by the student and another signed by the art teacher, or the school principal, certifying that the work contained in the portfolio is original work of the student not corrected by any other hand.

The portfolio should contain:

A. Ten studies from life, of which at least five must be of the nude human figure. The remainder may be of the nude model, of the draped human model, or of animals. At least five of the above studies must be in charcoal, the remainder in any graphic or painting medium.

Candidates should bear in mind that what is required is not so much proficiency of performance as evidence of understanding of form and structure.

B. Five sketches for compositions, either in black and white or in colour. They may be with or without a representational subject; in either case they should stress the elements of design.

C. Five other examples of their work: these may include drawings, paintings (of any subject in any medium); applied designs (posters, textile designs, etc.).

The dimensions of the work listed above must be not less than 16 x 20 inches. Candidates would do well to add to their portfolios a sketch book or a group of quick sketches.

ENGLISH

Two examination papers: one on English Literature and one on English Composition.

COMPOSITION

The examination will be designed mainly to test the candidate's ability to write English. He will be expected to have acquired a fairly clear and accurate style, to be able to arrange material in an effective fashion, and to show discrimination in the choice of words. In preparation for the examination it is suggested that students be required to write mainly on simple, expository subjects that are within the range of their actual experience.

LITERATURE

Candidates are required to make an historical and critical survey of English Literature from Chaucer to the present day. The works which should be studied in the course of this survey are listed below. It is recommended that all the works in the list be studied; but a specially careful study should be made of those marked with an asterisk.

*1. Shakespeare—1954 Either *Antony and Cleopatra* or *The Winter's Tale.*

1955 Either *King Lear* or *Cymbeline.*

No particular edition of the above is prescribed.

*2. Milton— 1954 *Paradise Lost, Books I and II,* and *Book III lines 1-55.*

1955 *On the Morning of Christ's Nativity, L'Allegro, Il Penseroso, Arcades, Comus, Lycidas.*

No particular edition of the above is prescribed.

*3. One Poet of the Nineteenth Century—

1954 Keats.

1955 Wordsworth.

No particular edition is prescribed

Candidates are not required to study the complete works of these authors. Teachers are recommended to make their own selection so as to give their students an understanding of the relevant poet's best and most characteristic work.

4. The following texts from *Century Readings in English Literature,* edited by Cunliffe, Pyre, and Young:

(a) Poetry:

Chaucer, *Prologue to the Canterbury Tales.*
All the Ballads included in the volume.
Spenser, *The Faerie Queene, Book I, Canto 1.*
All the lyrics by Campion, Herrick, Herbert, and Vaughan included in the volume.
Dryden, *Alexander's Feast.*
*Pope, *The Rape of the Lock.*
All the poems by Gray and Cowper included in the volume.
Wordsworth (1954, not 1955). *The Solitary Reaper, Ode to Duty,* and *Character of the Happy Warrior.*

Coleridge, *Frost at Midnight.*
Shelley, *Ode to the West Wind,* and *Final Chorus from Hellas.*
Byron *Don Juan, Canto iii.*
Keats (1955, not 1954). *Eve of St. Agnes.*
Tennyson, *Milton,* and *To Virgil.*
Browning, *Abt Vogler.*
Arnold, *Rugby Chapel.*
Rossetti, *My Sister's Sleep.*
Swinburne, *The Garden of Proserpine.*

(b) Prose:

Malory, *Morte D'Arthur: Preface by Caxton, and first five chapters of Book 21.*
Bacon, *Of Truth,* and *Of Studies.*
Walton, *Compleat Angler, Chapter IV.*
Bunyan, *Pilgrim's Progress,* the extract included in the volume.
Defoe, *The Education of Women.*
*Swift, *A Modest Proposal.*
Steele, *Sir Roger in Love.*
Addision, *Sir Roger at the Assizes, Party Patches,* and *Westminster Abbey.*
*Johnson, *Letter to the Earl of Chesterfield.*
*Newman, *The Idea of a University, Discourse VI.*

5. Poems by any or all of the following, selected at the discretion of the candidate from any available editions:

Housman, Davies, Hardy, Yeats, Auden, Spender, Eliot.

6. Any five items selected from the *Pocket Book of Short Stories.*

*7. E. M. Forster, *A Passage to India.*

*8. J. M. Synge, *Riders to the Sea.*

FRENCH—1954 only. The Syllabus is now being considered and will be available before the beginning of the 1954-55 session.

Two examination papers: one on Texts and Grammar and one on Composition and Sight Translation.

Texts: **1954**—Lavisse: *Histoire de France, Cours Moyen;* Beaumarchais, *Le Barbier de Seville* (Petits Classiques Larousse); Dumas, Les Trois Mousquetaires (Heath); Knock (The Century Co.); Voltaire, Zadig and Other Stories (Heath).

Translation at Sight from English into French and from French into English.

**Oral Examination:* An oral examination is held in centres where this is possible, and students intending to study French at the University are strongly advised to take this examination. The oral examination is given in *addition* to the two papers. Success in the oral examination is recorded on the candidate's certificate. A candidate who fails in the oral examination does not thereby prejudice his chances of obtaining a certificate, but is treated exactly as though he had not attempted the oral test.

GEOGRAPHY

It is presumed that candidates taking this examination will have mastered the elements of geography as outlined in the syllabus for the Junior Examination.

A. Local Geography (one quarter of the course)

An intensive study of the candidate's home locality, especially of the distribution of population and economic activities in relation to the main physical features and climate of the region. This study should be based on actual excursions and a detailed examination of the appropriate large scale maps (published by the Hydrographic and Map Service Branch of the Department of Mines and Resources).

B. Regional Geography (three quarters of the course)

A detailed study of the Americas (North, Central, and South) and Europe, including the U.S.S.R. The general lines of the course should follow the directive laid down in the Junior Examination syllabus, but greater attention should be given to the following matters:

(i) The geological structure of the countries concerned, and the effect of this structure on the scenery and natural resources.

(ii) The part played by the countries of Europe in the history of exploration and the development of maritime trade.

(iii) The characteristic settlement types and distribution of population in the various countries, and the ways in which these are changing.

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*Candidates who wish to take the examination in Oral French at a centre outside Montreal must send in the special early notification mentioned in the footnote on page 506.

GERMAN

(*See footnote on page 535 concerning the Senior B.Sc. or B.Eng. German requirements in special cases.*)

Two examination papers: one on prescribed texts and one on translation of unseen passages from German into English and from English into German.

Texts: Th. Storm, Immensee (Morgan-Wooley-Heath); G. Keller, Kleider Machen Leute (Heath); F. Bauer, Das tickende Teufelsherz (Crofts).

Translation at Sight from German into English and from English into German.

GREEK

Two examination papers: one on prescribed texts and grammar, the other on composition and sight translation.

Texts: Homer, Iliad XXII (Pitt Press Series, Camb. Univ. Press); Lysias, pp. 30-92, in Shuckburgh's Lysias, Orationes (Macmillan).

N.B.—Although the above editions are suggested, others may be used.

HISTORY

One examination paper.

General History of Europe from the break-up of the Roman Empire to 1600.

In preparing for the History papers a rigid adherence to any one author or to any one book is undesirable. A guide to Reading containing references and suggestions for teachers and students who are preparing for this History paper may be obtained from the Registrar's Office.

LATIN

Two examination papers: one on prescribed texts and grammar, the other on composition and sight translation.

Text: A. Petrie, *A Latin Reader* (Oxford University Press)

Caesar VIII, IX.
Cicero XIII, XV, XXXIV, XXXVI, XL, XLIII.
Sallust XLV.
Livy LI, LII.
Pliny LXVI, LXIX.
Catullus LXXIII-LXXVI.
Virgil LXXXVII, XCIII, CI.
Horace CIV, CV, CVI, CIX.
Ovid CXXIV, CXXXIII, CXXXVII.

MATHEMATICS

Four figure mathematical tables will be provided.

ALGEBRA

One examination paper.

Arithmetic, geometric, and harmonic progressions, variation, permutations and combinations, binomial theorem, logarithms, number system, theory of quadratic equations, functional notation, graphical representation, miscellaneous series such as the sum of the squares and of the cubes of the natural numbers with easy deductions therefrom, as in Intermediate Algebra by H. Tate, published by Sir Isaac Pitman and Sons, Toronto, or as in similar textbooks.

CO-ORDINATE GEOMETRY

One examination paper.

The elements of the coordinate geometry of the straight line and circle as in A New Analytic Geometry by J. E. Durrant and H. R. Kingston, published by the Macmillan Co. of Canada, pp. 1-153 inclusive, and pp. 292-296, or as in similar textbooks.

TRIGONOMETRY

One examination paper.

Measurement of angles, radian measure, trigonometrical ratios or functions of one angle, of two angles, and of a multiple angle, relations between the sides and angles of a triangle, solution of triangles using logarithms, easy problems on heights and distances, general values and inverse functions, limits and approximations, as in Elementary Trigonometry by H. S. Hall and S. R. Knight, adapted for use in Canadian Schools, 1940 edition, published by the Macmillan Co. of Canada, Chapters I-XIII, XVII, XVIII and pp. 204-205, or as in similar textbooks.

MUSIC

Two written examination papers: one on Advanced Rudiments and Harmony, and one on Form and Analysis and History. In addition there will be a short practical examination on Aural Training.

(a) HARMONY

Scales; intervals; transposition of melodies; use of C clefs; barring of certain passages and determining their keys; analysis of chords; chords up to the Dominant 7th and Augmented 6th. This course leads gradually

to the writing of simple harmony in 3 or 4 parts. The work covered is that required for the Intermediate Grade Theoretical Examination of the Local Centre Examinations. (See the Announcement of the Faculty of Music.)

Textbooks: MacPherson, Rudiments of Music; Kitson, Elementary Harmony—Part I.

(b) FORM AND ANALYSIS

Phrase, sentence, sequence, cadence, accent, rhythm, time, melody, modulation. Early Dance Forms. Suites—with special consideration of the Minuet and Trio.

Textbooks: MacPherson, Form in Music; MacPherson, Studies in Phrasing and Form; R. O. Morris, Structure of Music.

(c) HISTORY

Musical origins, Hebrew and Greek influence on early Christian music; the rise of music in two or more parts; secular music; English, Flemish, and Italian composers; the Renaissance; instrumental music (lute, virginal, viol, etc.); opera; beginnings of the orchestra. Bach and Handel; C. P. E. Bach and sonata form; Haydn; Mozart. The Romantic Movement; nationalism in music; modern music.

Textbook: Stanford and Forsyth, A History of Music; Hadow, Music.

(d) AURAL TRAINING

Development of a mental appreciation of scale degrees; recognition of intervals and simple rhythms; easy dictation; sight reading; listening —to develop quickness of ear, memory, and natural accuracy; quality of tone.

PHYSICS

One examination paper: It will be set upon a general knowledge of the more important principles of elementary physics, the scope being that of Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath), or of any equivalent text books.

Laboratory Work: Experiments should be performed equivalent to those outlined in *An Elementary College Course in Experimental Physics* (Renouf Publishing Co.) The student's notebook setting forth his own laboratory work, certified by the instructor and by the principal of the school, must be forwarded *before the examination* to the Registrar for inspection.

SPANISH

Two examination papers: These will be set as for the Junior School Certificate, but the examination will be of a more advanced character, and will include a short free composition.

Prescribed texts: — Baroja, Zalacain el aventurero (Heath & Co); A. Palacio Valdés, A cara o cruz (Macmillan).

CERTIFICATES RECOGNIZED

The following certificates will be considered on their merits towards meeting the University requirements for the equivalent of Senior Matriculation.

PROVINCE OF QUEBEC
Senior High School Leaving Certificate
Senior Catholic High School Leaving Certificate

PROVINCE OF ONTARIO
Grade XIII Certificate

PROVINCE OF NOVA SCOTIA
Grade XII Certificate

PROVINCE OF PRINCE EDWARD ISLAND
Third Year Certificate of the Prince of Wales College

PROVINCE OF MANITOBA
Grade XII Certificate

PROVINCES OF ALBERTA AND SASKATCHEWAN
Grade XII Certificate

PROVINCE OF BRITISH COLUMBIA
Senior Matriculation Certificate

GREAT BRITAIN

In the new General Certificate, passes in six subjects, including three appropriate subjects at Advanced level.

In addition, pupils of recognized British Public and Secondary Schools who have obtained the General Certificate of Education with the requisite standing as recognized for Junior Matriculation may be admitted to the Second Year without further examination, if they have satisfactorily completed at school a further year's work in the subjects of the McGill Senior School Certificate, and if they are specially recommended by their headmasters or headmistresses.

McGill University

Montreal

Scholarships, Bursaries, Prizes, and Medals

1953-1954

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. For limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

TABLE OF CONTENTS

PAGE

University Scholars 605-606
Holders of J. W. McConnell Memorial Scholarships 606
Holders of Morris W. Wilson Memorial Scholarships 606

I. General Statement 607

II. Entrance Scholarships and Bursaries 609
A. University Entrance Scholarships and Bursaries 609
B. Other Entrance Scholarships and Bursaries 610

III. Scholarships, Bursaries, Loan Funds, Medals and Prizes in the various Faculties of the University 618
A. Open to students in all Faculties 618
B. Open to students in the Faculty of Arts and Science (including Commerce) 625
C. Open to students in the Royal Victoria College 633
D. Open to students in the School of Commerce 636
E. Open to students in the Faculty of Engineering (including Architecture) 638
F. Open to students in the Faculty of Medicine 646
G. Open to students in the Faculty of Dentistry 650
H. Open to students in the Faculty of Law 651
I. Open to students in the Faculty of Music 652
J. Open to students in the Faculty of Divinity 653
K. Open to students in Macdonald College 654

IV. Graduate Fellowships and Scholarships 657

A. Fellowships and Scholarships tenable at McGill University only 657
Open to graduates in several Faculties 657
Open to graduates in Agriculture 661
Open to graduates in Arts and Science 661
Open to graduates in Divinity 653
Open to graduates in Engineering 663
Open to graduates in Medicine 664

B. Fellowships and Scholarships tenable at McGill University or elsewhere 665
Open to graduates in several Faculties 665
Open to graduates in Agriculture 666
Open to graduates in Arts and Science 666
Open to graduates in Law 667
Open to graduates in Medicine 667

PAGE

C. Fellowships and Scholarships tenable at other Universities only 668
Open to graduates in several Faculties 668
Open to graduates in Architecture 672
Open to graduates in Arts and Science 673
Open to graduates in Engineering 673
Open to graduates in Law 674
Fellowships offered by other Universities 674

D. Fellowships and Scholarships open to Graduates of other institutions for study at McGill University 674

V. Scholarships, Prizes, and Medals in the various Schools of the University 676
Open to students in the Library School 676
Open to students in the School of Physical Education 677
Open to students in the French Summer School 677
Open to students in the School for Graduate Nurses 677
Open to students in the School of Physical and Occupational Therapy 679
Open to Students in the School of Social Work 679

VI. Medals and Prizes in the Department of Athletics, Physical Education, and Recreation 680

VII. Index of Awards 681

UNIVERSITY SCHOLARS 1952-53

ARTS AND SCIENCE

Eva Bas-Kraus
Elton H. Bond
Benjamin Bonnlander
Gerald Burke
Jack Cohen
Ruth Dickstein
F. Roger Favreau
Irwin Feldman
Herman Gelber
Lawrence B. Gillett
John F. Henderson
W. Graeme Higgs
A. Areta Hockin
Barbara Hossie
Leslie K. Jonas
Ruth S. Kihm
Norman V. Klassen
Simon B. Kochen
Barbara Kodak
William J. Lawand
Marianne Macdonald
Garth Mosher
Barbara Notkin
John W. O'Brien
Evelyn Petrushka
David Quastel
Kenneth H. Reid
Daniel N. Slatkin
Marjorie J. Smolensky
Mary Szwarc
Bernard Trossman
Margaret Twyman
Armand Waksberg
Peter Walkovich
Frederick E. Warburton
William E. Willmott
Raymond H. Zienius

ENGINEERING

Lawrence K. Anderson
Jack Attas
Ralph C. Baker
Jean A. Baudot
Theodosios Bay
Edward S. Bell
David G. Bruneau
Jerzy Charasz
Donald A. George
Isaac Ginsburg
Philip A. Graydon
Michael B. Harding
Robert D. Higgins
Gordon Kawai
T. Cameron Kenney
Zen Kolisnyk
Allan Koptie
Richard Lacey
Malcolm D. Lefcort
Issie Ludmer
Douglas H. MacAulay
Brian McCartney
Stephen Nettel
Sidney Pasoff
David C. Pei
Robert J. Schactler
Joseph Schneider
Ernest A. Seaman
Michel S. Slivitzky
Aris Stamatopoulos
Frank H. Sutcliffe
Ronald C. Thornton
Cyril J. Tunis
Charles D. Wilson
W. Murray Wonham

LAW

Natalie Fochs Isaacs
Gerald McCarthy

MACDONALD COLLEGE

Claire Turnau
William E. Vanstone
Leila D. Watson

MEDICINE

Vivian E. H. Brooks
Bernard A. Cooper
*Bernard A. Davis
Humphrey P. Dorr
Keith N. Drummond
Andrew G. Engel
Carl A. Goresky
Mark C. Levine
Arthur Leznoff
Peter Mlynaryk
Andrew K. Poznanski
Jacob Rosensweig
**Robert M. Smith
Winnifred Storey
John D. Stubbs
Robert H. Usher

HOLDERS OF J. W McCONNELL MEMORIAL SCHOLARSHIPS 1952-53

S. Elaine Brooks
David G. Bullock
Peter Glockner
Anne E. Irwin
Helen Kotch
John T. W. Longmoore
Howard N. Manz
Ulo Okapuu
Gordon McK. Ross
David J. Smith
S. G. Denis Smith
Edward A. Stawarz

HOLDERS OF MORRIS W. WILSON MEMORIAL SCHOLARSHIPS 1952-53

Ruth L. Bjordammen
Clinton G. Cragg
John V. Eby
Peter C. MacIntosh
Robert N. Morrison
Margaret M. Muir
Ann McC. Munro
Roderick C. Riordon
Helen M. L. Roscoe

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*Frederick Smith Memorial Scholar.
**James Eccles Scholar.

Scholarships, Bursaries, Prizes, Medals, and Loan Funds

I. GENERAL STATEMENT

1. DEFINITION OF TERMS

At McGill University the terms *Fellowship*, *Scholarship*, and *Bursary* have, in general, the following meanings. Exceptions are noted in the paragraphs describing individual awards.

Fellowship.—A grant made for postgraduate study or research, and based only on ability. The holder of a fellowship at McGill does not bear the title "Fellow" except in certain special cases.

Scholarship.—An award made to undergraduates or graduates based on academic standing alone. Financial need usually has no bearing on the awarding of a scholarship, but it may influence the amount of money subsequently awarded. Holders of University Scholarships (see below) are given the title "University Scholar". Holders of other scholarships do not receive any special title.

Bursary.—A grant made to a needy student who has reasonably good academic standing. Bursaries are not given to students with financial resources adequate to maintain them at the University. Normally, a bursary entails duties to be performed for the University. The size of a bursary usually varies with the need of the student. The holder of a bursary has no special title.

2. GENERAL REGULATIONS

(1) Scholarships are awarded and bursaries and loans granted only to students taking a regular course leading to a degree or diploma.

(2) Scholarships are awarded only if an adequate academic standard is attained.

(3) The annual income of scholarships and bursaries is usually paid in two instalments, one in October and one in February.

3. UNIVERSITY SCHOLARSHIPS

(1) Certain scholarships implying exceptionally high achievement have been designated "University Scholarships" by Senate.

(2) The winner of a University Scholarship receives the title and status of a "University Scholar".

(3) Each University Scholarship is of a certain maximum amount, but the amount actually awarded depends upon the financial needs of the winner. At present the minimum annual value of a University Scholarship is $100 and the maximum annual value is $400.

4. BURSARIES

(1) Bursaries are grants in aid of students of good scholarship who need such assistance to enter the University or to complete their course.

(2) The amount of a bursary varies with the need established.

(3) A bursary is renewable upon application and is tenable normally until the student has qualified for his degree or diploma, subject always to the dual condition that the need for it continues and that the standing of the student satisfies the awarding committee.

(4) The holder of a scholarship may apply for an additional bursary.

(5) Bursaries are normally paid in two instalments: viz.: one in October and one in February.

(6) Holders of bursaries may be required to undertake a certain amount of work for the University in return for their bursaries. The maximum number of hours any bursary holder may be asked to give is three hours a week throughout the session, or one hour for each dollar of his bursary—whichever may be smaller.

If a student is able to study while carrying out this bursary obligation as, for example, some library assistants can, the number of hours required may be doubled.

5. LOANS

The University has a loan fund of strictly limited amount from which some assistance may be given to particularly deserving students under the following conditions:

(1) Loans are normally made only to students in upper years.

(2) Loans are made only to students of good academic standing who are specially recommended on personal grounds by the Deans of their Faculties.

(3) The loan, if granted, is made on the basis of an agreement between the applicant, or a sponsor of the applicant, and the University. The amount of the loan, the date, and the manner of its repayment, are made part of the agreement so that the debt may be fully discharged at the earliest possible date.

(4) An applicant for a loan should obtain an application form at the Office of his Dean and submit this, when completed, to his Dean for transmission to the Bursar.

6. INTERVIEWS

Awards and grants of money are made only after a personal interview unless this requirement is explicitly waived.

7. APPLICATIONS AND INQUIRIES

Unless otherwise stated below, applications and inquiries should in the first instance be made to the Registrar.

Applications for all entrance scholarships (see below), for University bursaries, and for the renewal of bursaries, should be made on forms which may be obtained from the Registrar's Office.

II. ENTRANCE SCHOLARSHIPS AND BURSARIES

A. UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES

1. UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES

The University offers not less than eight University Entrance Scholarships, each with a maximum value of $400 a year and a minimum value of $100 a year (see page 607), together with a limited number of bursaries of smaller value*, tenable either in the Faculty of Arts and Science (including Commerce), or in the Faculty of Engineering, and renewable annually provided that the holders maintain an academic standing satisfactory to the University Scholarships Committee.

Candidates for these awards are required to submit:

(*a*) their complete High School record.

(*b*) their marks or grades in any recognized matriculation or school-leaving examination.

(*c*) confidential letters from their school principals.

**See also the J. W. McConnell Memorial Scholarships, the Morris W. Wilson Memorial Scholarships,on page 611, and the George Herrick Duggan Memorial Scholarships on page 614, Sir William Macdonald Entrance Scholarships and the Sir Edward Beatty Memorial Scholarships on page 612 and the Canadian Pacific Railway Scholarships on page 613.*

Applications must be made on forms which may be obtained from the Registrar's Office. These must be returned not later than 1st July. The school record and other supporting documents should be sent as soon as they are available. Applications for admission to McGill University should be sent in with the Scholarship Application Forms.

2. ELIGIBILITY

These scholarships and bursaries are intended for pupils of Public and Private Schools in Canada, but the University may, in exceptional cases, accept applications from other candidates.

Men and women are eligible on equal terms.

Applications will normally be accepted only from students who will be under the age of 20 on 1st October, 1954. In exceptional circumstances the University may waive this rule.

3. THE TITLE OF "SCHOLAR"

The winner of a University Scholarship is given the title of "Scholar." His name is printed as such in the Calendar and he has the status of a Scholar within the University.

After entering the University the winner of a University Scholarship is not required to study for honours, and may take the general course.

4. FINANCIAL NEED

The University may require the submission of evidence that the candidate needs the money award to further his educational interests. This evidence will normally include a statement from a parent or guardian. Whenever possible, moreover, the candidate will be interviewed. *Financial need will in no case affect the University's decision as to the winner of a University Entrance scholarship, but will influence the amount of the award.*

The amount of the award made to any Scholar will not be published.

In special cases the University may consider an application from the winner of a scholarship for additional assistance.

B. OTHER ENTRANCE SCHOLARSHIPS AND BURSARIES

Unless otherwise stated, applications for these scholarships must be made to the Registrar before 1st July.

Unless otherwise indicated, the word "Examination" is used below to denote the University School Certificate Examination, the Provincial High School Leaving Examination, the Catholic High School Leaving Examination, or any other standard examination recognized for entrance scholarships.

Applicants who have written examinations other than the McGill School Certificate Examination should send a certified copy of their examination marks to the Registrar's Office as soon as they are published.

J. W. McCONNELL MEMORIAL SCHOLARSHIPS.—Created and endowed by Mr. J. W. McConnell of the Board of Governors as a memorial to the men and women of the University who gave their lives in the war of 1939-45. The Scholarships are open on equal terms to men and women from any part of Canada and are tenable in the Faculty of Arts and Science (including Commerce), or the Faculty of Engineering. Each scholarship covers the full tuition fee as well as the cost of board and residence in Douglas Hall or the Royal Victoria College for the full period necessary to enable the winner to obtain a Bachelor's degree. The award is made by a Special Committee which takes into consideration the character and the financial circumstances of the applicant as well as the academic record. The holder will normally forfeit the scholarship if he fails to maintain an academic standing satisfactory to the Special Committee. Application forms may be obtained from the Registrar's Office.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS.—Established by contributions from a large number of intimate friends and business associates of the late Morris W. Wilson as a memorial to a distinguished citizen who, among his many public activities, rendered distinguished service to the cause of education, and who, at the time of his death, occupied the office of Chancellor of McGill University. The creation of the fund marks the culmination of a hope long cherished by Mr. Wilson, that of supplying the means whereby young Canadian boys and girls of outstanding ability and promise, but in poor financial circumstances, might obtain the benefits of a university education. It is hoped that this fund may be the means of assisting many deserving young Canadians, particularly those from rural areas, to become better equipped to perform the duties of citizenship and so more effectively to apply their abilities to the general development and welfare of their country.

These Scholarships are open on equal terms to men and women of Canadian parentage, now resident in Canada, and are open only to students who wish to enter the Faculty of Arts and Science (including Commerce), the Faculty of Engineering, or the degree course in Agriculture at Macdonald College. Each scholarship covers the full tuition fee of the student, as well as the cost of board and residence at Douglas Hall, the Royal Victoria College, or Macdonald College, for the full period necessary to enable the student to obtain his degree. The holder will normally forfeit the scholarship if, during his course, he fails to maintain an academic standing satisfactory to the Special Committee. Application forms may be obtained from the Registrar's Office.

SIR WILLIAM MACDONALD ENTRANCE SCHOLARSHIPS IN ARTS AND SCIENCE (INCLUDING COMMERCE).—Four scholarships of $150 each endowed by Sir William Macdonald and open only to men are awarded under the conditions governing University Entrance Scholarships. (See page 609 for particulars.)

SIR EDWARD BEATTY MEMORIAL SCHOLARSHIPS.—Two scholarships, one in Classics (Greek and Latin) and one in Mathematics, of the value of $600 each, were founded by the late Sir Edward Beatty, former Chancellor of the University. The scholarships are payable at the rate of $150 per annum for four years, and are tenable only in the Faculty of Arts and Science. The Scholarships are awarded primarily for ability in either Classics or Mathematics, but school and examination records in other subjects may be taken into account. These awards are made under the conditions governing University Entrance Scholarships (see page 609) and candidates will be required to submit:

(*a*) their complete High School record,

(*b*) their marks or grades in any recognized examination,

(*c*) confidential letters from their school principals.

The winner of a Sir Edward Beatty Memorial Scholarship on entering the University need not necessarily take courses leading to honours in Classics or in Mathematics, but may enter any course for which he is qualified in that Faculty.

Applications must be made on forms which may be obtained from the Registrar's Office. These must be returned not later than 1st July.

These scholarships are open only to male students, educated in Canadian schools, whose parents are British or Canadian born.

HON. ROBERT JONES BURSARY.—Valued at $120 per annum is granted "from time to time to some needy student for the full term of study in the Faculty of Arts and Science or Engineering." The bursary is not continued if the standing of the holder proves to be unsatisfactory.

ROBERT BRUCE SCHOLARSHIP AND BURSARY.—One entrance scholarship of $100 for one year is available in the Faculty of Arts and Science (including Commerce).

One bursary of $100 is open each year to "young men and women of promising abilities but of straitened circumstances in Arts and Science or Engineering."

*OTTAWA VALLEY GRADUATES' SOCIETY BURSARY.—This bursary of $75 is given through the Ottawa Valley Branch of the Graduates' Society and is open only to bona fide residents of the territory of the Ottawa Valley Graduates' Society. The winner is selected by the University from candidates who have written (1) The McGill School Certificate Examination or (2) The Quebec Catholic or Protestant High School Leaving Examination or (3) The Ontario Grade 12 Examinations or (4) The McGill Senior School Certificate or (5) The Ontario Grade 13 Examination or (6) The Quebec Catholic or Protestant Senior High School Leaving Examination.

ROYAL VICTORIA COLLEGE ENTRANCE SCHOLARSHIPS.—Two scholarships, of $685 each, open to women only, and conditional on residence in the Royal Victoria College, are offered annually. These are awarded on the result of the McGill School Certificate or Senior School Certificate or other approved examinations and are tenable for one year only.

SEBA ABBOTT SMITH MEMORIAL SCHOLARSHIP.—This scholarship which is restricted to women students has a minimum annual value of $50 and a maximum annual value of $175. It will be renewable annually until the holder obtains her first degree provided the holder maintains an academic average satisfactory to the University Scholarships Committee. The actual value of the award will be determined each year by the University Scholarships Committee according to the need of the holder. Applications should be made on the regular University Entrance Scholarship application forms.

*CANADIAN PACIFIC RAILWAY SCHOLARSHIPS.—Scholarships covering five years' tuition in Chemical, Civil, Mechanical, or Electrical Engineering, or six years' tuition in the School of Architecture, or four years' tuition in the Arts courses of the Faculty of Arts and Science, or in the School of Commerce, or four years in the School of Household Science, Macdonald College, are awarded annually by the Canadian Pacific Railway Company. These are open for competition to apprentices and other employees of the Company under twenty-one years of age, as well as to minor sons and daughters of employees. The method of award is that of the University Entrance Scholarships described on page 609, candidates being required to submit:

(*a*) their complete High School record,

(*b*) their marks or grades in any recognized examination,

(*c*) confidential letters from their school principals.

**Tenable also at Macdonald College.*

Forms of eligibility and full particulars as to the number of scholarships available, etc., may be obtained from Mr. G. A. Smyth, Superintendent of Pensions and Staff Registrar, Pension Department, C.P.R. Offices, Montreal. Applications, on forms obtainable from the Registrar's Office, accompanied by statements of eligibility from Mr. Smyth, must reach the Registrar's Office before 1st July.

GEORGE HERRICK DUGGAN MEMORIAL SCHOLARSHIPS.—Two scholarships have been established as a memorial to the late George Herrick Duggan, D.Sc., LL.D. These are:

(*a*) A scholarship offered annually by the Dominion Engineering Works, Limited, open to all employees of the Dominion Engineering Works, Limited, its wholly owned subsidiary companies, and the Dominion Hoist and Shovel Company, Limited, and to their sons and daughters.

(*b*) A scholarship offered annually by the Dominion Bridge Company, Limited, open to all employees of the Dominion Bridge Company, Limited, and its wholly owned subsidiary companies, and to their sons and daughters.

The value of each of these scholarships will be $750 if the winner comes from outside Montreal, or if in the judgment of the Committee it is desirable for the winner to reside away from home in the interests of his academic work. If the winner is able to live at home, however, the value of the scholarship will be equivalent to the full tuition fees payable to the University, and the Awarding Committee may in this case make an additional grant where there is financial need.

The purpose of these scholarships is to provide an incentive to eligible candidates to qualify themselves for a university education in engineering or scientific work or allied subjects, and to afford them financial assistance while pursuing university studies. The scholarships are awarded primarily on the intellectual attainment and academic record of the applicants, although the characters of the candidates and other circumstances are also taken into consideration. They may be granted for any period, from one to five years, inclusive. To qualify, the applicant must attain the entrance requirements from time to time established by the University for the course of study applied for, with an average standing of not less than 75%, and thereafter maintain an academic standing satisfactory to the University Scholarships Committee.

The awards are made by the Board of Governors on the basis of a recommendation from a special committee composed of the Chancellor, the Principal and Vice-Chancellor, and the Warden of the Royal Victoria College. Applications should be submitted in the form prescribed for University Entrance Scholarships (see page 609).

FRANK P. JONES SCHOLARSHIPS.—Under the will of the late Frank P. Jones, in his lifetime President of Consumers Glass Company, Limited, provisions have been made for the establishment of one or more scholarships at McGill University, which are open to junior employees and to sons and daughters of employees of Consumers Glass Company, Limited. Each scholarship has a maximum value of $400 a year and a minimum value of $100 a year, and will be awarded by the University Scholarships Committee to a candidate with qualifications satisfactory to the University. Each candidate must have a good matriculation standing. The scholarships are renewable annually provided the holders obtain satisfactory grades in the examinations at the University until the holders obtain their degrees.

SIDNEY J. HODGSON SCHOLARSHIPS.—Two scholarships, of the approximate values of $175 and $150 respectively, were founded by Arthur J. Hodgson, Esq., in memory of his son, Sidney James Hodgson, a student of the First Year in Arts, who was killed in action on September 27th, 1918, while serving in the 66th Battery of the Canadian Field Artillery. They are open to boys and girls of Westmount High School who have been in attendance for at least one year. The $175 scholarship is tenable only in the Faculty of Engineering and the $150 scholarship only in the Faculty of Arts and Science. They are awarded to the pupils with the highest percentages in the Junior High School Leaving subjects required for admission to these faculties.

WESTMOUNT WOMEN'S CLUB SCHOLARSHIP—A scholarship to the value of $200 to be awarded annually by the Westmount Women's Club to a girl student matriculating into McGill University from the Westmount High School.

*SCHOLARSHIP GRANTED BY THE GRADUATES' SOCIETY OF THE DISTRICT OF BEDFORD.—This scholarship of $140 is awarded each year to a student who has taken his or her High School classes (Grades IX, X, and XI) in one of the High Schools of the District of Bedford and who enters the University or Macdonald College to take any full-time degree course. The award, which may be divided between two students, is based on the results of the High School Leaving marks and is awarded by the District of Bedford Graduates' Society upon the recommendation of the University Scholarships Committee.

*ST. FRANCIS DISTRICT GRADUATES' SOCIETY BURSARY.—This Bursary of $250 is restricted to residents of the area covered by the St. Francis District Branch of the Graduates' Society and is open to pupils of any high school or private school entering any faculty or school of McGill

Tenable also at Macdonald College.

University, including Macdonald College. The Bursary may be renewed for a second year. An amount of $150 of the Bursary is to be repaid by the holder at the rate of a minimum of $50 per year after graduation. The award is made by the St. Francis District Branch of the Graduates' Society on the recommendation of the University Scholarships Committee. Application forms may be obtained from the Registrar's Office.

NARCISSA FARRAND (MRS. N. PETTES) SCHOLARSHIP.—This scholarship, of not less than $600 ($150 for four years), founded and endowed by Mr. and Mrs. H. V. Truell, of Sweet Acre, Knowlton, Que., is awarded annually to the candidate from the Eastern Townships who obtains the highest marks in the Arts, Science, or Commerce Entrance Examinations in June, and who has had his domicile in the Eastern Townships for five consecutive years immediately preceding the examination.

GRACE FAIRLEY TRAFALGAR SCHOLARSHIP.—Founded in 1913 by certain friends and former pupils of the late Miss Grace Fairley, to signalize her long and faithful service to education as head of the Trafalgar Institute. It is of the value of $80, is tenable for one year only, and is awarded annually to the student of Trafalgar Institute who obtains the highest marks in the June School Certificate Examination and enters the Faculty of Arts and Science.

*ISABELLA C. MACRAE SCHOLARSHIP.—This scholarship of $150 is open to residents of Maxville, Ont., who have satisfied the requirements for entrance to McGill University. Should there be no successful applicants from this locality for six years, the scholarship will subsequently be open to any resident in Ontario.

DUNCAN MCCASKILL SCHOLARSHIP.—This scholarship which is restricted to students from Nova Scotia has a minimum annual value of $50 and a maximum annual value of $175. It will be renewable annually until the holder obtains his or her first degree provided the holder maintains an academic average satisfactory to the University Scholarships Committee. The actual value of the award will be determined each year by the University Scholarships Committee according to the need of the holder. Applications should be made on the regular University Entrance Scholarship application forms.

*CHRISTIE-STORER SCHOLARSHIP.—A scholarship of the value of $150, endowed by the above-named Chapter of the I.O.D.E. in memory of the men of St. Lambert who fell in the Great War, 1914-18, is awarded annually to the pupil residing in St. Lambert who stands highest in the June High School Leaving Examination each year at the Chambly County High School.

**Tenable also at Macdonald College.*

MONTREAL WOMEN'S CLUB ELIZA REID MEMORIAL SCHOLARSHIP.—Founded in 1927 by the Montreal Women's Club in memory of the first President of the Club, Mrs. Robert Reid. This scholarship of the value of $150 is tenable for one year, and is awarded each year to a graduate of the Montreal High School for Girls who has completed at least Grades X and XI in this school, and who plans to enter the First Year of McGill University in a degree course.

NOTRE DAME DE GRACE WOMEN'S CLUB BURSARY.—This bursary of $100, tenable in the First Year of the University, is awarded annually to a girl student who has completed Grades X and XI in West Hill High School.

VERDUN WOMEN'S CLUB BURSARY.—This bursary of $100 is tenable for one year and is awarded annually by the Verdun Women's Club to a student who has completed Grade XI in the Verdun High School and who plans to enter the First Year of the University, or to a student who has completed Grade XII in the Verdun High School and who plans to enter the Second Year of the University. The award is based on academic record, character, and financial need. Preference is given to girl students.

IMPERIAL ORDER DAUGHTERS OF THE EMPIRE SECOND WAR MEMORIAL BURSARIES.—Eleven bursaries in Canadian Universities for students of high academic standing and promise are offered each year by the Imperial Order Daughters of the Empire as a memorial to Canadian men and women who gave their lives in the defence of Freedom during the Second World War. One bursary will be awarded in each Province and one in the Yukon to sons and daughters of deceased or permanently and seriously disabled Canadian men and women of the Services (Army, Navy, Air Force; World War II). These bursaries are of the value of $1,600, i.e., $400 a year for four years provided the holder passes the examinations of each year in the spring or at the latest in the autumn of the same year, and satisfies the Provincial Committee of Selection of his or her continued fitness to retain the bursary. In making the award the Selection Committee will take into consideration the general record and standing in school, physical fitness, and family circumstances. A candidate must write the Provincial Departmental examinations and may choose the university which he or she wishes to attend. Further information and application forms may be obtained from the Provincial I.O.D.E. Educational Secretary of each Province. In Quebec, the Educational Secretary is Mrs. Milton Eaton, 41 Ninth St., Shawinigan Falls.

AMERICAN CAN COMPANY SCHOLARSHIPS.—These scholarships established by the American Can Company are open to junior employees who have completed at least one year's service with the Company and to sons and daughters of employees who have completed at least five years' service and whose salaries do not exceed $700 per month. All candidates must

have completed a high school education or its equivalent and must have a scholastic standing in the top third of the class. Students who have begun their college careers are not eligible. Candidates will be required to take the scholarship aptitude test given by the College Entrance Examination Board. French-speaking applicants in Canada will take a special test prepared and conducted by the University of Montreal. Each scholarship is of the value of full tuition fees payable to the college or university. Each winner may choose any approved privately controlled four year college or university in the United States or any Canadian college or university belonging to the National Conference of Canadian Universities and may undertake any course of study that he or she desires. Further information and application forms which must be submitted by November 30th may be obtained from the Administrator, Scholarship Programme, Canadian Division, American Can Company, 92 King St. East, Hamilton, Ontario.

PRESBYTERIAN COLLEGE SCHOLARSHIPS.—The Board of Management of the Presbyterian College offers a number of scholarships for the payment of fees of undergraduates in Arts and Science who are registered at the Presbyterian College as in training for the study of theology with a view to the Ministry and who have creditably passed the sessional examinations.

UNIVERSITY BURSARIES (see page 608).

*KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND (see page 620).

*LEONARD FOUNDATION SCHOLARSHIPS (see page 620).

WOMEN ASSOCIATES OF McGILL BURSARY (see page 621).

WORKMAN STUDENTSHIP (see page 638).

III. SCHOLARSHIPS, BURSARIES, LOAN FUNDS, MEDALS, AND PRIZES IN THE VARIOUS FACULTIES OF THE UNIVERSITY

A. OPEN TO STUDENTS IN ALL FACULTIES

UNIVERSITY SCHOLARSHIPS.—University Scholarships with a maximum value of $400 a year (see page 607) may be awarded by the University Scholarships Committee to students in any year of any undergraduate faculty. They are awarded for exceptionally distinguished work in the regular University examinations and special applications are not required.

Tenable also at Macdonald College.

Two of these University Scholarships have special names, the James Eccles Scholarship which is tenable in any year of any faculty, and the Frederick Smith Memorial Scholarship which is tenable only in the Faculty of Medicine.

UNIVERSITY BURSARIES.—The University has established a number of bursaries open to students in all faculties and schools. The general regulations governing the award of these are stated on page 608. Application must be made on a special form and forwarded to the Registrar. The forms may be obtained from the Registrar's Office.

*DOMINION-PROVINCIAL LOANS AND BURSARIES—The Dominion and Provincial Governments jointly offer a number of bursaries and combined bursaries and loans to degree students in most faculties and schools. These are open to men and women on equal terms. The Quebec grants are half bursary and half loan, the latter being repayable one year after graduation. To be eligible for a Quebec grant, a student must be a British subject with at least five years' residence in the Province of Quebec, and must be under thirty years of age, in good academic standing, and in definite need of financial assistance. Students following the B.A. course and students in Divinity, Nursing and Graduate Studies are not eligible under this plan, nor are students who receive any assistance from other Government funds. The award varies with the need and will not generally exceed $200 for a Montreal resident or $500 for a non-resident in any one session. These bursaries may be renewed upon application to the Student Counsellor's Office before 1st June if the conditions for granting the award are maintained. Applications for new bursaries must be submitted on the proper forms before 15th September. Decisions regarding renewals of these bursaries are usually made late in August, but decisions regarding the award of new bursaries are not usually made until after the middle of October. For further particulars apply to the Student Counsellor's Office. Students coming to McGill from other provinces should inquire from their Provincial Departments of Education whether they are eligible to participate in any comparable scheme.

*B'NAI B'RITH BURSARIES.—Three bursaries of $100 each have been given to the University by the Mount Royal Lodge of B'nai B'rith. These bursaries are open to men and women students in any faculty. Need and scholarship will determine the award. Applications in writing must reach the Registrar before the end of August.

B'NAI B'RITH HILLEL FOUNDATION BURSARY.—This Bursary of $200, established by the B'nai B'rith Hillel Foundation of McGill University, is awarded by the University Scholarships Committee to a deserving student,

These awards are also tenable at Macdonald College.

irrespective of race, colour, or creed, in any faculty, preference being given to a student returning from service in the armed forces.

*FREDERICK SOUTHAM KER BURSARY.—This bursary was established in 1941 by the late F. N. Southam in memory of his grandson, Frederick Southam Ker, who was killed in action on September 6th, 1940. This bursary of $175 is open on equal terms to men and women of all faculties without respect to religion or race. It is awarded to a student who gives promise of becoming a good citizen but is handicapped in his or her academic course by lack of funds. Financial need, character, and academic record are all taken into account in making the award.

NATIONAL COUNCIL OF JEWISH WOMEN OF CANADA, MONTREAL SECTION, BURSARIES.—The National Council of Jewish Women of Canada, Montreal Section, offers each year a limited number of bursaries. The value of each award is normally $100. These bursaries are awarded by the Council upon the recommendation of the University Scholarships Committee. Academic standing and financial need are both taken into consideration in making the award. Although there is no legal obligation to pay back these bursaries, the National Council of Jewish Women hopes that holders will, if possible, return the money at some future time so that other students may in their turn be helped through college. Application should be made on the ordinary University Bursary application form.

CELIA AMDUR ISAACS MEMORIAL BURSARY.—Established in 1953 by Mr. Sydney Isaacs through the Montreal Section of the National Council of Jewish Women, this bursary of $100 is awarded by the Council upon the recommendation of the University Scholarships Committee. Application should be made on the regular University Bursary form.

*KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND.—The interest on this fund is awarded in scholarships by the Scholarships Committee subject to the following two conditions:

(i) that the scholarships may be held by undergraduates only;

(ii) that the preference is given to sons and daughters of soldiers:

(a) who served in the war of 1914-18;

(b) who served in the war of 1939-45.

*LEONARD FOUNDATION SCHOLARSHIPS.—The Leonard Foundation, created in 1916 by the late Colonel Reuben Wells Leonard and Mrs. Leonard, offers each year a number of scholarships tenable at schools, colleges, and universities in Canada, approved by the Foundation.

**These awards are also tenable at Macdonald College.*

The scholarships are open to men and women. A student to be eligible must be "a British subject, of the white race, of the Christian Religion in its Protestant form, and of the full age of fourteen years."

The amount of the award will vary with the need of the winner.

Sons and daughters of the following are given preference in the selection of scholars:

(a) Clergymen, (b) School Teachers, (c) Officers, Non-Commissioned Officers and Men, whether active or retired, of Her Majesty's naval, military, or air forces, (d) Graduates of the Royal Military College, (e) Members of the Engineering Institute of Canada, (f) Members of the Mining and Metallurgical Institute of Canada.

Men and women returning from active service are also given preference over the non-preferred class.

The University is willing to endorse and forward with its recommendation applications of any candidates who may wish to apply through the University and are approved by it.

Such candidates must make their applications on forms to be obtained from the Registrar's Office and must return these to the Registrar before January 1st in the year in which the award would be granted.

A booklet giving further particulars may be consulted in the Registrar's Office.

WILLIAM JOHN DEY BURSARIES.—Established in 1950 under the will of the late Mary Helena Dey in memory of her father, the Reverend William John Dey, M.A., D.D., (B.A.), Class of 1867, McGill University, these bursaries are open to full-time undergraduates, both men and women, in all faculties and schools, and are awarded by the University Scholarships Committee.

FROTHINGHAM BURSARIES.—The Frothingham Bursary Fund was established in 1951 by a bequest from the late Mrs. Harriet F. Miller, the revenue of which is used to provide bursaries for outstanding women students in any faculty. These bursaries are awarded by the University Scholarships Committee.

WOMEN ASSOCIATES OF MCGILL BURSARY.—A bursary of approximately $200 is available each year to men and women students in any Faculty. Scholarship and need will determine the award. The winner will be chosen by the Executive of the Women Associates of McGill from a list of candidates recommended by the Scholarships Committee and selected from the applicants for University bursaries (see page 608).

MORRIS WEIN BURSARY.—This bursary of $150 has been given to the University by Mr. Morris Wein and is open to men or women students of good academic standing who are in need of financial assistance. The award is made by the University Scholarships Committee.

CAPLAN BURSARY.—This Bursary of $100 has been established by Mr. J. L. Caplan and is awarded by the Principal on the recommendation of the University Scholarships Committee to a first year student in any faculty who may be thereby helped to obtain a university education.

McGILL U. N. T. D. BURSARY.—This Bursary, endowed by the University Naval Training Division with an annual value of $30, is awarded by the University Scholarships Committee on the recommendation of the responsible Naval authorities to the U. N. T. D. rating who is considered to be the most deserving applicant. If in any year there is no applicant of high enough quality, the award is withheld.

TEMPLE EMANU-EL SISTERHOOD BURSARY.—Established in 1946 in memory of the men who lost their lives in the war of 1939-45, this Bursary, with an annual value of $100, is open to men undergraduates in all faculties and is awarded by the University Scholarships Committee.

ROY M. WOLVIN MEMORIAL SCHOLARSHIPS (see page 627).

STUART DUNN MEMORIAL SCHOLARSHIP—Founded by Major Charles Gwyllym Dunn of Quebec City in memory of his son, Sergeant (Wireless Air Gunner) Stuart Dunn, R.C.A.F., a student at McGill University who died on active service in July, 1941. The scholarship, value $100 per annum, is to be awarded annually to a male student of the Protestant Christian Faith whose home is outside the Island of Montreal. In making the award the Scholarships Committee takes into consideration: (a) the candidate's scholarship, character, personality, and quality of leadership, (b) his need of financial assistance, and (c) the general usefulness to the community of the special branch of study he proposes to follow.

JOSEPH ALFRED JACOBSON MEMORIAL SCHOLARSHIP.—This scholarship, of $200, was established by the late Mr. Percy N. Jacobson and Mrs. Jacobson in memory of their son, Flight-Sergeant Joseph Alfred Jacobson, of the Royal Canadian Air Force, who was killed in action on the 28th January, 1942. The scholarship is open to men and women in any faculty on equal terms. It is given to a student selected by the University Scholarships Committee on the grounds of his personality, academic strength, interest in university sports, and financial need.

HINGSTON BURSARY.—This bursary of $80 has been established by Mrs. Stuart Merrett in memory of her son, Pilot Officer F. W. (Billy) Hingston, B.A. 1940, who was killed while flying in a raid on Germany on the 4th

of December, 1943. The bursary is open to male undergraduates without restriction as to race or creed or faculty and is awarded by the University Scholarships Committee.

CANADIAN ARMY UNIVERSITY COURSE MEMORIAL BURSARY.—This bursary has been established by the Canadian Army University Course Association of McGill University as a memorial to the three of their comrades, Richard F. Gyles, Robert J. Lockhart, and James C. Wheeler, who lost their lives in the World War, 1939-45. It is awarded by the University Scholarships Committee on the recommendation of the Association and preference is given to members of the McGill Canadian Army University Course and to other men who volunteered for active service, and their children.

NATIONAL FEDERATION OF CANADIAN UNIVERSITY STUDENTS INTERREGIONAL SCHOLARSHIPS.—Under an arrangement between the National Federation of Canadian University Students and the various Canadian universities a scheme of scholarships has been instituted which permits one or more students to spend the penultimate year of their course in a university in another part of Canada. The tuition and student activities fees of the student are paid by the university visited. Applications from McGill students should be made to the Registrar before the 15th of February. McGill University has, under this scheme, offered two of these Federation Scholarships each year to qualified students from other universities.

PRIZES

CHESTER MACNAGHTEN PRIZES.—Two prizes, one of $50 and the other of $25, are offered annually in a competition for the best piece of creative writing in English submitted by a student of the University. The work submitted may be a story, a play, a poem, an essay, etc. The material should be carefully selected and properly presented. The judges will not read untidy manuscripts or a large number of newspaper clippings. Compositions that have appeared in print are not ineligible provided they have been published since 1st March, 1953. No candidate may submit more than two entries. Compositions must be typed and must reach the Registrar before the 1st March, 1954. Entries that win prizes or honourable mention will be retained by the University and filed in the Redpath Library.

J. M. RUTHERFORD MEMORIAL PRIZE.—This prize of the value of $100 is awarded for some original work or study undertaken by a student of the University, on his own initiative, preferably outside the regular work for his or her degree. Candidates may be nominated by any member of the University staff or may apply in writing directly to the Registrar, submitting evidence of their qualifications. Applications or nominations should be received by the Registrar not later than April 1st. The award is made by the University Scholarships Committee.

NEIL STEWART PRIZE.—An annual prize of $50 in the Hebrew Language and Literature established by Mr. Neil Stewart of Vankleek Hill in 1878, is open to students in the University and in the affiliated Theological Colleges. It is awarded on the results of an annual examination open to students of the Faculty of Divinity of the University and of the Presbyterian College. The examination will be held in the third week in March on translation, grammar, and syntax (but not exegesis) of assigned passages of prose, prophecy, and poetry totalling about twenty-five chapters of the Hebrew Bible, together with Davidson's Hebrew grammar. Information concerning the biblical passages to be set for the examination each year may be obtained from the Registrar's Office, or the Faculty of Divinity, or the Presbyterian College.

MCCHARLES PRIZE (see page 642).

LOAN FUNDS

Application for loans, unless otherwise stated should be made through Deans of Faculties or Directors of Schools.

UNIVERSITY LOAN FUND.—A Student Loan Fund has been established by the University to assist needy students in all Faculties. Loans are made normally only to students in upper years (see page 608), with good academic standing.

UNIVERSITY LODGE LOAN FUND.—The University Lodge No. 84, Q.R., A.F. and A.M., has established a loan fund for Masons and the children of Masons in attendance at McGill University. Loans will not exceed the annual tuition fees. They are open to qualified students in all faculties and all years. Applications should be made to the Bursar. Need and academic merit will determine the awards.

ROTARY CLUB OF OTTAWA STUDENT LOAN FUND.—The Rotary Club of Ottawa has established a Student Loan Fund for Third and Fourth year students in any faculty who are residents of Carleton County, Ontario, and are attending universities throughout Canada. Annual loans will not exceed $250. Further information and application forms may be obtained from the Registrar's Office.

MCGILL GRADUATES' SOCIETY OF ONTARIO LOAN FUND.—This loan fund open to students in all Faculties has been established by the Ontario Branch of the Graduates' Society. Application should be made to the Bursar.

LUTHERAN STUDENT LOAN FUND.—Lutheran students attending McGill University are eligible to apply for loans from this fund which was established in 1950 by the Evangelical Lutheran Church of the Redeemer. Application should be made to the Student Counsellor.

ROYAL CANADIAN AIR FORCE BENEVOLENT FUND.—Students who served in the Royal Canadian Air Force are eligible for assistance from the R.C.A.F. Benevolent Fund. This Fund makes loans or outright gifts, depending on the special circumstances involved. For further particulars, students should apply to Mr. E. C. Knowles, Student Counsellor, Arts Building.

BENNETT EDUCATIONAL FUND.—For students in Engineering (see page 646).

COMMERCIAL SOCIETY LOAN FUND.—For students in Commerce (see page 638).

GEORGE HENRY FROST FUND.—For students in Engineering (see page 646).

KELLOGG FOUNDATION LOAN FUND.—For students in Medicine, Dentistry, and the School for Graduate Nurses (see pages 649, 651 and 679).

WADDELL LOAN FUND.—For students in Engineering (see page 646).

CANADIAN INSTITUTE OF MINING AND METALLURGY LOAN FUND.—For students in Engineering (see page 646).

B. OPEN TO STUDENTS IN THE FACULTY OF ARTS AND SCIENCE (INCLUDING COMMERCE)

For details of Entrance Scholarships see pages 609 and 610.

For scholarships open to women only see page 633.

For Scholarships, Bursaries, and Loan Funds open to undergraduates in all Faculties see page 618.

For details of awards restricted to students in the School of Commerce see page 636.

For awards open to Graduate Students see page 661.

GENERAL REGULATIONS IN ARTS AND SCIENCE

1. No applications are required. The awards are made by the Arts and Science Scholarships Committee on the basis of examination standings.

2. Only students in regular undergraduate standing are eligible for scholarships.

3. Scholarships will be awarded only if an adequate standard is attained.

4. If in any college year there is not a sufficient number of candidates showing adequate merit, any one or more of the scholarships offered for competition may be given to more deserving candidates in another year.

5. In order to retain his scholarship a successful candidate must proceed regularly with his college course to the satisfaction of the Faculty.

6. The annual income of the scholarships will be paid in two instalments, viz.:—One in October and one in February.

SECOND YEAR SCHOLARSHIPS

GROUP I

Six scholarships of $100 each are offered to students advancing from the first to the second year for proficiency in their subjects of study. The awards will be made on the basis of the students' complete academic records and on recommendations from the departments in which they have taken their courses.

GROUP II

The following scholarships are also offered, according to the terms indicated, to students advancing from the first to the second year.

CHARLES ALEXANDER SCHOLARSHIP.—Established in 1870 by Charles Alexander, "for the encouragement of the study of Classics and other subjects." Value $90.

JANE REDPATH EXHIBITION.—Founded by the late Mrs. Redpath, for the maintenance of an exhibition in Arts and Science. It is restricted to men and is awarded on the result of the sessional examinations of the First year to the man who makes the highest average on the year's work. Value $100.

BARBARA SCOTT SCHOLARSHIP.—Founded by the will of the late Barbara Scott to form an annual scholarship for the student "excelling in Classics in the First Year." Value $100.

MARGARET JANE ALLAN SCHOLARSHIP.—This scholarship, of $200, was established in 1929 by a bequest to the Royal Victoria College from Mrs. Agnes W. Allan. It is awarded each year to the woman student in either the B.A. or the B.Sc. courses in Arts and Science who obtains the highest standing in the sessional examinations of the First year.

SCHOLARSHIPS TENABLE IN THE SECOND, THIRD, OR FOURTH YEARS

GROUP III

SIR WILLIAM MACDONALD SCHOLARSHIPS.—Six scholarships of $150 each are open to men students in the Second, Third, and Fourth Years.

†SIR WILLIAM DAWSON SCHOLARSHIP.—Given by the New York Graduates' Society; value $60. Open also to students in Engineering.

DR. BARCLAY SCHOLARSHIP.—Awarded in the Classics Department, value $50.

REFORD SCHOLARSHIP.—The interest on this fund, amounting to about $200 per annum, will be equally divided each year and placed at the disposal of the Departments of English and Philosophy.

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†*Not to be awarded until further notice.*

HOUSTON SCHOLARSHIP.—Founded by the will of Thomas Houston, to establish a scholarship for French students studying for the ministry of the Presbyterian Church or the United Church of Canada. It is open only to undergraduates in the Faculty of Arts and Science and the Faculty of Divinity under the above restriction and is awarded on the result of the sessional examinations without regard to year. The value is $125.

PETERSON MEMORIAL SCHOLARSHIP IN CLASSICS.—Founded in memory of Sir William Peterson, Principal of McGill University from 1895 to 1918, by his son, W. G. Peterson, M.A. This scholarship of the total value of $400 ($200 a year for two years) is open to students in any year. The winner is nominated by the Faculty of Arts and Science.

MAJOR HIRAM MILLS SCHOLARSHIP.—This scholarship, of the value of $50, is open to students in any of the biological sciences including Anatomy, Bacteriology, Biochemistry, Botany, Genetics, Physiology, and Zoology. It is open to both men and women.

PENHALLOW SCHOLARSHIP IN BOTANY.—This scholarship of $100 is open to men and women entering the Second, Third, or Fourth year of the undergraduate course. The award is made by the Faculty of Arts and Science on the recommendation of the Department of Botany.

LOGAN SCHOLARSHIPS.—Two scholarships of $100 each, one in the Department of Geological Sciences and the other in the Departments of Botany and Zoology, are open to men and women entering the Second, Third, or Fourth year of the undergraduate course. The awards are made by the Faculty of Arts and Science on the recommendation of the Department of Geological Sciences in the one case and on the joint recommendation of the Departments of Botany and Zoology in the other case.

ROY M. WOLVIN MEMORIAL SCHOLARSHIPS.—Four scholarships of $375 each are given by Mrs. Roy M. Wolvin in memory of her husband. Two of these scholarships are open to men in any undergraduate faculty who have a good academic record and need financial assistance. One or both of these scholarships may be divided if the University Scholarships Committee thinks it desirable. Applications for these two scholarships must be made in writing to the Registrar before November 1st. One scholarship is restricted to men undergraduates in the Faculty of Engineering and one is restricted to women undergraduates in the Faculty of Arts and Science. These last two awards are made by the Faculty Scholarships Committees on the basis of the results of the sessional examinations.

McGILL ALUMNAE SCHOLARSHIPS (see page 634).

THIRD YEAR SCHOLARSHIPS

GROUP IV

Eight scholarships of $100 each are offered to students advancing from the Second to the Third year in both the General Course and the Honours Courses, on the basis of academic record and recommendations from departments.

GROUP V

The following scholarships are also offered, according to the terms indicated, to students advancing from the Second to the Third year.

ROBERT BRUCE SCHOLARSHIP.—From a fund, created by the will of the late Robert Bruce, of Quebec City, one scholarship of the annual value of $75, tenable for two years, will be awarded for high standing in the examinations at the end of the Second year.

ALEXANDER MACKENZIE SCHOLARSHIP.—One scholarship of the value of $250 is awarded annually on the results of the honours examinations of the Second year in Political Science and is open only to a student who has completed the work of that year. Tenure of the scholarship is conditional upon the holder's taking the honours work in Political Science of the Third year (see also Group VI).

HANNAH WILLARD LYMAN MEMORIAL SCHOLARSHIP of the value of $80 is awarded annually to a woman student of the Third or Fourth year.

DELTA PHI EPSILON SORORITY BURSARY.—This bursary, founded by the Delta Phi Epsilon Sorority in memory of Edith Silver, is of the value of $100 and is open to a deserving woman student entering the Third year of the Faculty.

KNIGHTS OF PYTHIAS SCHOLARSHIP.—This scholarship, of $300, is awarded annually to a student in the Social Sciences. It is open on equal terms to men and women. The winner must be a resident of the Island of Montreal, and entering the Third year of the B.A. course. The award may be renewed for a further year if the holder proves to be worthy of such recognition.

For other Third year scholarships see also Group III.

FOURTH YEAR SCHOLARSHIPS

GROUP VI

GREENBLATT SCHOLARSHIP.—From the funds left under the will of the late Mrs. Greenblatt, one scholarship of $175 shall be awarded annually in the Faculty of Arts and Science to a student proceeding from the Third to the Fourth year, preference to be given to a student in Modern Languages (other than English) or in History. A committee selected from the Departments of History, German, and Romance Languages will be asked to make a recommendation for this award.

JAMES DARLING MCCALL SCHOLARSHIP.—This scholarship was founded by J. T. McCall, Esq., in memory of his son, James D. McCall, B.Sc., who was drowned shortly after the war of 1914-18, in which he served with distinction. This scholarship is awarded each year to a male student of the Fourth year professing the Christian religion, who is taking honours in English or in Philosophy or in both these subjects. It is of the value of $250.

ALEXANDER MACKENZIE SCHOLARSHIP.—One scholarship of the value $250, is awarded annually on the results of the honours examinations of the Third year in Political Science and is open only to a student who has completed the work of that year. Tenure of the scholarship is conditional upon the holder's taking the honours work in Political Science of the Fourth year (see also Group V).

ANGUS MCCOY SMITH SCHOLARSHIP.—This scholarship of $100, founded by Mr. and Mrs. Allan L. Smith in memory of their son, Augus McCoy Smith, a graduate of the University, who was killed in the Second World War, is awarded annually to a Protestant male student of the Faculty of Arts and Science who is entering the Fourth year. The award is based on academic record, character, financial need, and general promise.

ANNE MOLSON SCHOLARSHIP.—This scholarship of $125 is open only to men and women students in the Physical Sciences proceeding from the Third into the Fourth year. The award is made by the Faculty of Arts and Science on the recommendation of the Departments of Physics, Chemistry, and Mathematics.

PRINCE OF WALES SCHOLARSHIP.This scholarship of $200 is open annually to students proceeding from the Third into the Fourth year. The award is made for general distinction by the Faculty of Arts and Science on the basis of the students' complete academic records and on the recommendations from the departments in which they have taken their courses.

SHAKESPEARE SCHOLARSHIP.—This scholarship, of the value of $100, is awarded annually to a student advancing to the Fourth year who has shown special distinction in English Honours courses. The award is made by the Faculty Scholarships Committee on the recommendation of the Department of English.

CHARLES WILLIAM SNYDER MEMORIAL SCHOLARSHIPS.—Two scholarships of $200 each, founded by the late L. P. Snyder, Esq., in memory of his son, Charles William Snyder, a student of First year Arts who was killed in the Battle of Sanctuary Wood on June 2nd, 1916, are awarded annually on the results of the sessional examinations. One scholarship will be awarded on the recommendation of the Department of English to a student entering the Fourth year and taking full Honours in English, and the other will be awarded to a student entering the Fourth year and

taking Honours in English and another subject. This second award will be made on the recommendation of the Department of English and the other Department concerned in the student's combined Honours programme. These scholarships are open to male students in the Faculty of Arts and Science professing the Christian religion

CALIFORNIA STANDARD COMPANY UNDERGRADUATE SCHOLARSHIPS (see page 643).

For other Fourth year scholarships see Group III and Group V.

MEDALS IN ARTS AND SCIENCE

The following medals are awarded to the graduating students who stand highest in the First Class Honours List of the subjects named, provided the Faculty so recommends to Senate:—

The Henry Chapman Gold Medal, for Classical Languages and Literature.

The Prince of Wales Gold Medal, for Mental and Moral Philosophy.

The Anne Molson Gold Medal, for Mathematics and Natural Philosophy.

The Shakespeare Gold Medal, for English Language and Literature.

The Logan Gold Medal, for Geology, Mineralogy, and Palaeontology.

The Major Hiram Mills Gold Medal, for Biology.

The Governor-General's Gold Medal, for Modern Languages and Literature.

The Governor-General's Silver Medal awarded to the student standing highest among those graduating "with great distinction" in the general course.

The Lieutenant-Governor's Silver Medal awarded to the student who stands second among those graduating "with great distinction" in the general course.

The Allen Oliver Gold Medal, for Economics and Political Science (founded by Mrs. Frank Oliver, in memory of her son, the late Allen Oliver, B.A., M.C., Lieutenant, 26th Battery, C.F.A., who was killed in action at the Somme, on November 18th, 1916).

The Lieutenant-Governor's Silver Medal, for History.

The French Government's Bronze Medal for excellence in French in the general course.

In addition to the above, certain medals are offered annually by the Alliance Française, at the discretion of the Department of Romance Languages.

If there is no candidate for any medal, or if none of the candidates fulfils the required conditions, the medal is withheld, and the proceeds of its endowment for the year may be devoted to prizes in the subject for which it was intended.

PRIZES IN ARTS AND SCIENCE

ANNIE MACINTOSH PRIZE.—The endowment of this prize was contributed by friends and pupils of the late Miss Annie Macintosh and by a special gift of the late Miss I. G. Macintosh. The present value of the prize is $50. It is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

PENHALLOW PRIZE IN BOTANY.—An annual prize of $25, endowed by the Arts Undergraduate Society in 1911, is awarded to the graduating student whose complete record shows the highest first class standing in Botany. At least 4 full courses in the subject must have been taken, and Honours students will receive preference.

HENRY CHAPMAN PRIZE.—A book prize of the value of $20 is given in modern languages (excluding English), or in Hebrew.

CHESTER MACNAGHTEN PRIZES (see page 623).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 623).

CHERRY PRIZE.—This prize of books, value $40 founded by Wilbur H. Cherry, Arts 1907, and Anna Cherry, Arts 1918, in memory of their father, William Cherry, Med. 1869, and of their brother, William McFie Cherry, Arts 1911, is awarded annually by the Department of Economics and Political Science to the student who is, in the opinion of the Department, deserving of such recognition.

PETERSON MEMORIAL PRIZE IN LITERATURE.—This prize, value $50, founded by W. G. Peterson, M.A., in memory of his father, Sir William Peterson, Principal of McGill University from 1895-1918, is awarded to the undergraduate, or graduate, student who in addition to having achieved distinction in English Literature has given evidence of creative literary ability.

DORA FORSYTH PRIZE.—An annual prize of $50 bequeathed by the late Miss Jeannie Forsyth for English Literature. This prize is open to women students only and is awarded to a candidate recommended by the Department of English Language and Literature and approved by the Faculty of Arts and Science.

FANTHAM MEMORIAL PRIZE IN ZOOLOGY.—This prize of $50, endowed by Dr. Annie Fantham in memory of her husband, Professor H. B. Fantham, late Strathcona Professor of Zoology and Head of the Department, is awarded annually to the graduating student who has taken the full honours course in Zoology and who ranks highest of those obtaining first class honours in this subject. The prize is open to men and women.

MADELENE HODGSON PRIZE IN HISTORY.—An annual prize of $15 endowed by the Imperial Order Daughters of the Empire in recognition of the work done by Mrs. W. C. Hodgson as President of the Provincial Chapter of Quebec. The prize is awarded to the Third year Honours student in History who in the opinion of the Department of History has done the most outstanding work in this subject.

HISTORICAL SOCIETY'S PRIZE.—This prize is endowed by a fund belonging to the Historical Society. The award is made jointly by the Executive of the Historical Society and the Chairman of the Department of History to the male undergraduate in the First year who has shown the greatest promise in History and intends to read for Honours in this subject, and is awarded in books.

ANNE MOLSON PRIZE IN CHEMISTRY.—A prize of $100 awarded annually to the student with the highest record among those graduating with First Class Honours in Chemistry.

LOGAN PRIZES IN BOTANY AND ZOOLOGY.—A sum of $50 is awarded annually as a prize or prizes in the Department of Botany and Zoology for original summer collections. Candidates should consult these Departments concerning the collections to be made.

ORNITHOLOGY PRIZE.—A prize of $10 given by Mrs. Christine L. Henderson, to be spent by the winner upon books of his choice relating to natural history. At present this prize is awarded to the student standing highest in the first class in the examination in Vertebrate Zoology.

ETHEL WALKEM JOSEPH PRIZE.—The Wolfe and Montcalm Chapter of the Imperial Order Daughters of the Empire has endowed an annual prize of $25 in the Department of Education as a tribute to Mrs. Henry Joseph, Regent of the Chapter.

PRIZE OF THE MINISTER OF SWITZERLAND IN CANADA FOR FRENCH.—A prize in books for excellence in the Third year in French Language and Literature.

PRIZE OF THE MINISTER OF SWITZERLAND IN CANADA FOR GERMAN.—A prize in books for excellence in German is awarded by the Scholarships Committee of the Faculty of Arts and Science on the recommendation of the Department of German to an undergraduate student whose mother tongue is not German.

MARION MCCALL DALY PRIZE.—A prize of $100 awarded each year to a woman student who has completed the Second year and is entering the Third year of the Faculty of Arts and Science (including Commerce), or the Faculty of Engineering (including Architecture) at the University. The award is made by the University Scholarships Committee in consultation with the President of the McGill Women's Union and another senior woman student

chosen by the Committee. In making the award the Committee takes into account (a) the candidate's promise of making a definite contribution to Canadian life, (b) the financial need of the candidate, and (c) the academic record of the candidate.

BORIS MUSKATOV PRIZE IN PSYCHOLOGY.—An annual prize of $15 in books has been endowed by Miss Serafima Muskatov in memory of her brother, Boris Muskatov, who died on January 9th, 1948, while a student-veteran at Dawson College. This prize is offered to a student who has completed the Third year in the Faculty of Arts and Science and has done the best work in the subject of Psychology. The award is made by the Scholarships Committee of the Faculty of Arts and Science on the recommendation of the Department of Psychology after the Third year examination results are known.

PROVINCE OF QUEBEC PSYCHOLOGICAL ASSOCIATION PRIZE.—A prize of $10 offered annually by the Association to a student in the final year. It is awarded on the recommendation of the Department of Psychology to the student who has, in their opinion, done the most distinguished work in Psychology throughout the course.

For awards open to graduates see page 661.

C. OPEN TO ROYAL VICTORIA COLLEGE STUDENTS

ENTRANCE SCHOLARSHIPS

ROYAL VICTORIA COLLEGE ENTRANCE SCHOLARSHIPS.—Two scholarships of $685 each, open to women only, and conditional on residence in the Royal Victoria College, are offered each year. These are awarded on the result of the McGill School Certificate or Senior School Certificate or other approved examinations and are tenable for one year only.

J. W. MCCONNELL MEMORIAL SCHOLARSHIPS.—See page 611.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS.—See page 611.

UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES.—See page 609.

GEORGE HERRICK DUGGAN MEMORIAL SCHOLARSHIPS.—See page 614.

HON. ROBERT JONES BURSARY.—See page 612.

ROBERT BRUCE SCHOLARSHIP AND BURSARY.—See page 612.

OTTAWA VALLEY GRADUATES' SOCIETY BURSARY.—See page 613.

DUNCAN MCCASKILL SCHOLARSHIP.—See page 616.

SEBA ABBOTT SMITH MEMORIAL SCHOLARSHIP.—See page 613.

CANADIAN PACIFIC RAILWAY SCHOLARSHIPS.—See page 613.

FRANK P. JONES SCHOLARSHIPS.—See page 615.

SCHOLARSHIP GRANTED BY THE GRADUATES' SOCIETY OF THE DISTRICT OF BEDFORD.—See page 615.

NARCISSA FARRAND SCHOLARSHIP.—See page 616.

GRACE FAIRLEY TRAFALGAR SCHOLARSHIP.—See page 616.

ISABELLA C. MACRAE SCHOLARSHIP.—See page 616.

CHRISTIE-STORER SCHOLARSHIP.—See page 616.

SIDNEY J. HODGSON SCHOLARSHIPS.—See page 615.

ADDITIONAL SCHOLARSHIPS AND BURSARIES

For a statement of the scholarships, bursaries, and loan funds open to women students of the University, see pages 618-633.

RESIDENT BURSARIES.—Four resident bursaries in all, of the value of $200 each, are available for outstanding students of the Second, Third and Fourth years who are nominated by the Warden. In exceptional cases one or more of these may be awarded to First year students.

ALPHA OMICRON PI BURSARY.—A Bursary of $50 is given by the Alpha Omicron Pi Mothers' Club for a woman student, resident in Royal Victoria College or non-resident. The award is made on the recommendation of the Warden of the Royal Victoria College to a candidate with good academic standing and financial need.

ROY M. WOLVIN SCHOLARSHIPS.—See page 627.

FROTHINGHAM BURSARIES.—See page 621.

SPECIAL AWARDS ADMINISTERED BY A COMMITTEE OF THE ALUMNAE SOCIETY

MCGILL ALUMNAE SCHOLARSHIPS

The following scholarships have been established by the McGill Alumnae Society and are awarded annually by the Faculty of Arts and Science on the results of the sessional examinations to distinguished women students of the Second, Third, or Fourth year of the Faculty of Arts and Science.

Each scholarship has a maximum value of $200 and a minimum value of $50.

The winners are interviewed by the Alumnae Scholarship Committee and the value of each award will be determined by them. Financial need will in no case affect the decision as to the winner of a scholarship but will influence the amount of the award.

ETHEL HURLBATT SCHOLARSHIP.—Established in memory of the late Miss Ethel Hurlbatt, a former Warden of the Royal Victoria College.

SUSAN CAMERON VAUGHAN SCHOLARSHIP.—Established in honour of Mrs. Walter Vaughan, retired Warden of the Royal Victoria College.

CARRIE DERICK SCHOLARSHIP.—Established in honour of the late Professor Carrie M. Derick, B.A. 1890, M.A. 1890, first woman professor at McGill.

GEORGINA HUNTER SCHOLARSHIP.—Established in memory of the late Georgina Hunter, a member of the first graduating class of women at McGill University, the first President of the Alumnae Society, and a former Principal of the High School for Girls, Montreal.

The following scholarship is awarded by the University Scholarships Committee to a distinguished woman student in the other faculties:

HELEN R. Y. REID SCHOLARSHIP.—Made possible by a legacy from the estate of the late Dr. Helen R. Y. Reid, B.A. 1889, LL.D. 1921.

LOCAL COUNCIL OF JEWISH WOMEN OF MONTREAL offers two annual bursaries of $100 each to be given to deserving students of the College in need of this financial assistance, the awards to be made by the Scholarship Committee of the Alumnae Society.

B'NAI B'RITH MOUNT ROYAL WOMEN'S AUXILIARY NO. 257 offers an annual scholarship of $100 to be given to a deserving student of the college in need of this financial assistance, the award to be made by the Scholarship Committee of the Alumnae Society.

ALUMNAE SOCIETY BURSARIES AND LOANS.—In addition to the above, a limited number of bursaries and loans are offered by the Alumnae Society through its Scholarship Committee.

Students interested in bursaries and loans should consult the Warden before the opening of the session.

GENERAL PRIZES

MARION McCALL DALY PRIZE.—A prize of $100 awarded each year to a woman student who has completed the Second year and is entering the Third year of the Faculty of Arts and Science (including Commerce), or the Faculty of Engineering (including Architecture) at the University. The award is made by the University Scholarships Committee in consultation with the President of the McGill Women's Union and another senior woman student chosen by the Committee. In making the award the Committee takes into account (a) the candidate's promise of making a definite contribution to Canadian life, (b) the financial need of the candidate, and (c) the academic record of the candidate.

EDMUND HENRY BOTTERELL PRIZE.—This prize, the annual value of which is the income from a capital sum of $4,000, was established by a legacy from the late Mrs. Florence A. Redpath. Under the terms of endowment, it is to be known as the "Edmund Henry Botterell Prize" and is to be

awarded on the recommendation of the Warden to a First year student registered in the Royal Victoria College. For the present the award will be made to a student whose academic interests and record combined with personal qualities indicate marked promise.

PRIZES IN ARTS AND SCIENCE (INCLUDING COMMERCE)

ANNIE MACINTOSH PRIZE.—The endowment of this prize was contributed by friends and pupils of the late Miss Annie Macintosh and by a special gift of the late Miss I. G. Macintosh. The present value of the prize is $50. It is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

DORA FORSYTH PRIZE.—An annual prize of $50 bequeathed by the late Miss Jeanie Forsyth for English Literature. This prize is open to women students only and is awarded to a candidate recommended by the Department of English Language and Literature and approved by the Faculty of Arts and Science.

See also list of prizes in Arts, Science, Commerce, Architecture.

D. OPEN TO STUDENTS IN THE SCHOOL OF COMMERCE

For scholarships and bursaries open to undergraduates in all Faculties, see page 618.

SCHOLARSHIPS, BURSARIES, AND PRIZES

EDWIN WATERHOUSE SCHOLARSHIP.—The Edwin Waterhouse Scholarship, of the value of $250, donated by Price, Waterhouse and Company, is awarded annually by a committee consisting of the Principal, the Director of the School of Commerce, and the Chairman of the Department of Economics and Political Science, to that student in the School of Commerce, who, having obtained a first class average in the annual examinations at the end of the Third year of his course, is considered most deserving of financial assistance. Commerce students in the Third year who wish to be considered should make written application to the Director of the School of Commerce not later than April 15th.

ISAAC BRUCK MEMORIAL SCHOLARSHIPS.—The Bruck Silk Mills presents $500 annually to the University to provide two scholarships in the School of Commerce. The scholarships may be held by the students in the Second, Third, or Fourth year of the School, and are awarded annually without respect to race or sex by the Scholarships Committee of the Faculty of Arts and Science upon the results of the sessional examinations of the School.

LADDIE MILLEN MEMORIAL SCHOLARSHIP.—A scholarship to the value of $350 has been established by Mr. J. Ernest Millen in memory of his son, Laddie Millen, who was killed in action in the first World War. The award will be made to the student in any year in Commerce who presents the most satisfactory essay on a topic in the field of Industrial Relations. Students wishing to compete should apply to the Director of the School of Commerce on or before December 1st, 1953, the essays must be handed in by March 15th, 1954. The topic for the 1953-54 contest is "The Problem of Applying Profit-Sharing in Routine Jobs."

MONTREAL STOCK EXCHANGE AND CANADIAN STOCK EXCHANGE PRIZE IN ECONOMICS AND FINANCE.—This prize of $100 is offered for an essay written by a student in the final year of the School of Commerce who is enrolled in the Corporation Finance course. The subject of the essay is chosen annually by the Department of Economics in consultation with the Director of the School of Commerce. An award will only be made if the best essay is considered to be First Class. Final selection will be made by a committee consisting of the course lecturer, the Chairman of the Department of Economics, and the Director of the School of Commerce. Further information may be obtained from the course lecturer.

SYDNEY S. PAPPELBAUM BURSARY.—A bursary in memory of the late Captain Sydney S. Pappelbaum, B.Com., 1952, to be awarded to a student in Commerce at the end of his Second year, and about to enter the Third year, with no restriction as to race, creed or colour. It is awarded by the Advisory Committee of the School of Commerce. Students who wish to be considered should make application to the Director of the School of Commerce, not later than April 15th.

F. W. SHARP PRIZE IN ACCOUNTANCY AND MATHEMATICS.—This will be awarded at the end of the Fourth year to the best student in Accountancy, Business Organization, and Mathematics. Value $50.

JOSEPH H. JACOBS PRIZE.—The sum of $650 was received from the executors of the estate of the late Joseph H. Jacobs. The annual revenue from this bequest, which is approximately $25, will be awarded as a prize for Second year Accountancy.

PROFESSOR R. R. THOMPSON MEMORIAL PRIZE.—Established in honour of the late Professor R. R. Thompson by the Class of Commerce 1925, this Prize of $50 is awarded annually to the Third year student in Commerce with the highest standing in examinations in Accounting and Auditing. It is awarded by the Scholarships Committee of the Faculty of Arts and Science on the recommendation of the Director of the School of Commerce.

CHESTER MACNAGHTEN PRIZES (see page 623).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 623)

MEDALS

SIR EDWARD BEATTY MEMORIAL MEDAL.—A gold medal endowed by the late Sir Edward Beatty, former Chancellor of the University, is offered to the student in the School of Commerce who attains the highest distinction in Economics. At present, it is awarded on the basis of the aggregate marks for the three full year courses, Principles of Economics (or Honours alternatives), Money and Banking, and Economic Analysis (or Honours alternatives).

LIEUTENANT-GOVERNOR'S MEDALS.—A silver medal and a bronze medal have been offered to the School of Commerce by His Honour the Lieutenant-Governor of the Province of Quebec, the silver medal for the student with the highest average throughout the last three years of study; the bronze medal for the one who has the second highest average throughout the last three years of study.

LOAN FUNDS

COMMERCIAL SOCIETY LOAN FUND.—A fund has been established by the Commercial Society to be known as "The Commercial Society Loan Fund," for the purpose of aiding each year one or more students of the School of Commerce who are entering their Fourth year, to complete their course. Loans from this Fund are repayable within two years after graduation. Application should be made to the Director of the School of Commerce.

OTHER LOAN FUNDS (see page 624).

E. OPEN TO STUDENTS IN THE FACULTY OF ENGINEERING

(Including Architecture)

For scholarships and bursaries open to undergraduates in all Faculties see page 618.

ENTRANCE SCHOLARSHIPS

WORKMAN STUDENTSHIP.—The University accepts one nomination each year for a full course in Mechanical Engineering from the executors of the estate of the late Thomas Workman, provided the student nominated

(1) is a resident of Quebec,

(2) has obtained in the examinations qualifying for admission to the University the standard required by the Scholarships Committee for University Scholarships or Bursaries.

For other entrance scholarships see pages 609 and 610.

AWARDED ON THE RESULTS OF THE SESSIONAL EXAMINATIONS OR FOR SPECIAL THESES

BRITISH ASSOCIATION SECOND YEAR PRIZES.—Two British Association prizes of $40 and $20, at the end of the Third year, to the students obtaining the highest, and the second highest, aggregate marks, respectively, in the sessional examinations in Calculus and Mechanics of the Third year.

SCOTT EXHIBITION.—A Scott exhibition of $35, founded by the Caledonian Society of Montreal, in commemoration of the centenary of Sir Walter Scott, and a British Association prize of $20, to the students obtaining the highest, and the second highest aggregate marks, respectively, in the sessional examinations in Mathematics, Mechanics, Descriptive Geometry, and Physics of the Second year.

CORPORATION OF QUEBEC LAND SURVEYORS PRIZE.—A prize of $25 open to students in Civil Engineering and awarded at the end of the Fourth year by the Corporation of Quebec Land Surveyors to the student obtaining the highest standing in the subjects of the undergraduate courses in engineering comprising Surveying, up to the end of the Fourth year.

ANGLIN-NORCROSS PRIZE.—A prize of $25, presented by the Anglin-Norcross Corporation Limited, to the student obtaining the highest mark in Architectural Drawing in the School of Architecture in the Second year. This award is granted only to students whose record enables them to proceed to the next higher year.

ANGLIN-NORCROSS PRIZE.—A prize of $25, presented by the Anglin-Norcross Corporation Limited, to the student obtaining the highest marks in the Fourth year course in Design of Buildings (Design A) in the School of Architecture.

LOUIS ROBERTSON PRIZE.—Founded by Mr. and Mrs. John A. Robertson, in memory of their son, John Louis Armour Robertson, who was killed in the Great War on July 18th, 1916, to be awarded in the form of books to the undergraduate student who ranks highest in Design in the final year of the School of Architecture.

PHILIP J. TURNER PRIZE.—A prize of $50 presented by Mr. A. B. Darbyson, a graduate in the School of Architecture of the Class of 1915, to the student obtaining the highest marks in Building Construction of the Third year course in Architecture.

TURNBULL ELEVATOR COMPANY LIMITED PRIZES.—Four prizes of $62.50 each have been provided by the Turnbull Elevator Company Limited of Toronto for students of the School of Architecture who submit the best summer essays in their particular year.

The following prizes are offered for the best summer essays:—

ENGINEERING INSTITUTE OF CANADA PRIZES.—The Engineering Institute of Canada offers each year a prize of books or instruments to the value of $25 for the best paper in any branch of engineering received from an English-speaking Student or Junior of the Institute in the Province of Quebec. This prize is known as the Phelps Johnson Prize; another of the same value, the Ernest Marceau Prize, is awarded for the best paper in French. Similar prizes are open to those located in other provinces. The successful papers become part of the literature of the Institute and place the authors in prominent touch with the engineering profession. Further particulars may be obtained from L. Austin Wright, General Secretary, 2050 Mansfield Street, Montreal.

ENGINEERING INSTITUTE OF CANADA PRIZE.—The Engineering Institute of Canada also offers each year a prize of $25 to the student of the Fourth year whose standing, considered in combination with his activities in student engineering organizations, is, in the opinion of the Faculty, most meritorious.

CANADIAN INSTITUTE OF MINING AND METALLURGY PRIZES.—Two prizes, one of $50 and one of $25, for, respectively, the first and second best essay prepared by undergraduate students before receiving a Bachelor's degree on a subject appropriate to any one of the Institute's Technical Divisions, namely the Coal Division, the Geology Division, the Industrial Minerals Division, the Metallurgy Division, the Metal Mining Division, and the Petroleum and Natural Gas Division.

UNDERGRADUATE SOCIETY'S PRIZES.—Three book prizes to the value of $10 are given by the Undergraduate Society of the Faculty of Engineering for the best summer essays submitted by students in the Fourth and Fifth years.

In addition, two book prizes to the value of $10 are given by the Society for summer essays submitted by students entering the Third year.

The following regulations apply: (1) the Faculty will correct and grade the summer essays in the usual way, (2) when the classification is completed a list of those essays worthy of consideration by the Prize Committee will be posted, (3) essays awarded prizes will *ipso facto* become the property of the Engineering Undergraduate Society and will be bound by the Society and kept in the Engineering Library, and (4) a notice, to accompany the list of essays considered, will be posted stating that among the students considered those wishing to compete for the prizes should signify their intention to do so by writing to the Faculty, mentioning clearly that they accept condition No. 3.

JAMES DICKIE HALL PRIZE.—A prize of $100 granted annually by Oliver Hall in memory of his son, James Dickie Hall, lost near Cannes in June,

1944, in an air battle between four R.C.A.F. and more than ninety enemy planes. This prize is open to students entering the Fourth or the Fifth year in Mining or Metallurgy and is awarded for the best summer essay.

ROY M. WOLVIN MEMORIAL SCHOLARSHIPS.—Four scholarships of $375 each are given by Mrs. Roy M. Wolvin in memory of her husband. Two of these scholarships are open to men in any undergraduate faculty who have a good academic record and need financial assistance. One or both of these scholarships may be divided if the University Scholarships Committee thinks it desirable. Applications for these two scholarships must be made in writing to the Registrar before November 1st. One scholarship is restricted to men undergraduates in the Faculty of Engineering and one is restricted to women undergraduates in the Faculty of Arts and Science. These last two awards are made by the Faculty Scholarships Committees on the basis of the results of the sessional examinations.

JAMES C. KIMBERLY SCHOLARSHIPS.—Two scholarships of $250 each have been established by the Spruce Falls Power and Paper Company and are awarded by the Scholarships Committee of the Faculty of Engineering on the results of the final examinations in the Third year.

ADOLPH S. OCHS SCHOLARSHIPS.—Two scholarships of $250 each have been established by the Spruce Falls Power and Paper Company and are awarded by the Scholarships Committee of the Faculty of Engineering on the results of the final examinations in the Fourth year.

†SIR WILLIAM DAWSON SCHOLARSHIP.—A Sir William Dawson Scholarship, given by the New York Graduates' Society; value $60; open also to students in Arts and Science (see page 626).

SOCIETY OF CHEMICAL INDUSTRY PRIZE.—A prize of $50 is offered by the Montreal Section of the Society of Chemical Industry (Canadian Section) for an original essay on a chemical subject. Undergraduate students, other than those in their final year, are eligible to present papers. Further particulars may be obtained from the Registrar's Office.

INSTITUTE OF RADIO ENGINEERS PRIZES.—Each year two prizes will be offered to students of McGill and other approved universities for the best papers on radio engineering or some closely allied subject. The first prize is $25 and the second prize is a student membership in the Institute of Radio Engineers for a period of two years. Essays, which may be written in French or English, must reach the office of the Dean of the Faculty of Engineering not later than the 30th of November.

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†*Not to be awarded until further notice.*

CHESTER MACNAGHTEN PRIZES (see page 623).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 623).

MCCHARLES PRIZE.—This prize of $1,000, gift of the late Aeneas McCharles, is given for the discovery of improved methods of treating Canadian ores or minerals, for the development of new life-saving devices in the power and light industry, or for notable achievement in scientific research in any useful practical line, and is open to any Canadian. Further information may be obtained from the Registrar's Office.

AWARDED AT THE DISCRETION OF THE FACULTY

ANGLIN BURSARY.—Of the value of $200, was established by the late Mrs. Anglin in memory of her husband, the late Mr. J. P. Anglin, B.Sc., 1906.

HON. ROBERT JONES BURSARY.—Of the value of $120 per annum, is granted "from time to time to some needy student for the full term of study in the Faculty of Arts and Science or Engineering."

The bursary is continued until the holder graduates if his academic standing is entirely satisfactory. Applications should be made to the Dean of the Faculty.

BURSARY OF THE CORPORATION OF PROFESSIONAL ENGINEERS.—The Corporation of Professional Engineers presents annually a bursary of the value of $200, tenable by a student in the Fourth or Fifth year of the Faculty of Engineering, and awarded by the Faculty.

BAYLIS SCHOLARSHIP.—Founded in memory of Mr. and Mrs. James Baylis, of Montreal, and having an annual value of $100, is awarded to some student entering the Third year who is in need of financial assistance. The scholarship will be continued during the Fourth and Fifth years, if the standing of the student continues to be satisfactory.

Application should be made through the Dean of the Faculty.

DOUGLAS TUTORIAL BURSARIES.—The late Dr. James Douglas, who was a member of the Board of Governors, provided for ten or more tutorial bursaries of approximately $90 per annum in the Faculty of Engineering. In assigning these, the circumstances of the applicants as well as their academic standing are considered. These bursaries carry the obligation of giving tutorial instruction equivalent to one evening a week. Students in the Fourth and Fifth years of Engineering are eligible. Written application should be made to the Dean's Office on or before October 15th.

RICHARD S. LEA TUTORIAL BURSARIES.—The late Mrs. Wanda Lea, widow of the late Richard S. Lea, Consulting Engineer and graduate in Applied

Science of McGill University, provided a fund of $5,000, the revenue of which is to be used in aid of students who distinguish themselves in the Faculty of Engineering. The revenue will be used to provide two bursaries of $90 per annum to be given to suitable students in their last two years of Engineering, the bursaries carrying the obligation to give tutorial instruction equivalent to one evening a week. Written application should be made to the Dean's Office on or before October 15th.

H. M. MACKAY MEMORIAL SCHOLARSHIP.—This scholarship, established in 1932 as a memorial to the late Henry M. Mackay, formerly Dean of the Faculty of Engineering, will be awarded to a student of British citizenship who has completed the Second year in Engineering and intends to enter the Third year in September. A committee appointed by the Faculty selects the scholar, having in mind the results of the Second year sessional examinations, general character, industry, and other qualities desirable in an engineer. The value of the scholarship is $120. Payment is withheld if the scholar's progress is unsatisfactory.

JENKINS BROS., LTD., SCHOLARSHIP.—Supported by Messrs. Jenkins Bros., Ltd., and having an annual value of $200, is open to all Engineering students entering the Fifth year in September and is awarded on the basis of academic standing and personality.

KENNECOTT COPPER CORPORATION SCHOLARSHIP.—This scholarship of $1,000 has been established by the Kennecott Copper Corporation and is open to single students who have successfully completed their second to last year in the Faculty of Engineering (Mining). Inquires should be made to the Chairman of the Department of Mining Engineering before February 1st.

CALIFORNIA STANDARD COMPANY UNDERGRADUATE SCHOLARSHIPS.—Three undergraduate scholarships of $375 each have been established by the California Standard Company. These are:

(a) The Geological Scholarship, to be awarded annually to an outstanding student as an aid to completion of his final year in Geology or Geological Engineering.

(b) The Engineering Scholarship, to be awarded annually to an outstanding student as an aid to completion of his final year in Petroleum Engineering, Mining Engineering, Mechanical Engineering, Chemical Engineering, or Civil Engineering.

(c) The Geophysical Scholarship, to be awarded annually to an outstanding student as an aid to completion of his final year in Geophysics, Physics, Mathematics and Physics, Engineering Physics, or Electrical Engineering.

If there are no outstanding candidates for one scholarship but there are several worthy candidates for another, two or more scholarships may be awarded within the same field.

The awards are made by the University Scholarships Committee on the recommendations of the Scholarships Committees of the Faculties of Arts and Science and Engineering.

NEVIL NORTON EVANS SCHOLARSHIP—This scholarship of $90 a year was established in 1937 by graduates of the Faculty of Applied Science (Engineering) to commemorate the work of Professor Nevil Norton Evans, formerly Professor of Chemistry. It is open to students in the Faculty of Engineering who show outstanding ability in Chemistry. The award will be made by the Faculty of Engineering and the Department of Chemistry.

CANADIAN PITTSBURGH INDUSTRIES SCHOLARSHIP.—This scholarship of $250 is awarded to a student of the Fifth year in the School of Architecture who has submitted the best solution of a design problem in which glass is a major item. The judges are a committee of the staff of the School of Architecture or practising architects.

R. C. E. MEMORIAL SCHOLARSHIPS.—These Scholarships of $125 each have been established by the Royal Canadian Engineers and are tenable for one year at a number of universities throughout Canada. One award is open to students at McGill University who have successfully completed their second-to-last year in the courses leading to the degree of Bachelor of Engineering or Bachelor of Architecture. Candidates must be members in good standing of the C.O.T.C. and must have successfully completed at least one summer season's training with such unit or as a member of such unit. Academic standing, qualities of leadership, and participation in C.O.T.C. and student activities are taken into consideration in making this award. Candidates must be recommended by the University. Further information and application forms may be obtained from the Dean's Office, Engineering Building. Applications must be submitted to the Dean of the Faculty of Engineering by March 15th.

BURSARIES

PROVINCE OF QUEBEC MINING BURSARIES.—Each year the Department of Mines of the Province of Quebec offers a number of bursaries to enable students to take a university course in mining engineering or metallurgical engineering. The maximum annual value of these scholarships is $650 for a student who has to live away from home in order to attend the University, and $325 for a student who can live at home. Candidates must be Canadians and have lived for at least five years in the Province of Quebec. Further information may be obtained from the Registrar's Office. These bursaries are also open to graduate students in Metallurgy, Mining Engineering, and Geology.

A. F. BYERS BURSARY.—This Bursary of $300 is awarded by the University Scholarships Committee on the recommendation of the Scholarships Committee of the Faculty of Engineering to a student in Engineering who has a good academic record and has need of financial assistance. It is renewable annually until the holder graduates provided he maintains a satisfactory academic standard and continues to need financial help. Applications should be made to the office of the Dean.

For information concerning bursaries open to undergraduates in all Faculties see page 618.

MEDALS AND PRIZES

Awarded on the results of the examinations in the Final Year.

BRITISH ASSOCIATION MEDAL.—This medal is open for competition to students of the graduating class in each of the Engineering courses, and, if the examiners so recommend, will be awarded to the student taking the highest position in the final examinations. The British Association Medals were founded by the British Association for the Advancement of Science in commemoration of its meeting held in Montreal in 1884.

LIEUTENANT-GOVERNOR'S SILVER MEDAL.—Awarded to the student ranking highest in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

LIEUTENANT-GOVERNOR'S BRONZE MEDAL.—Awarded to the student obtaining the second place in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

ROYAL ARCHITECTURAL INSTITUTE OF CANADA MEDAL.—A medal is offered annually to the student who has completed the entire course at a recognized School of Architecture, who has obtained high marks throughout his course, and who gives promise of being an architect of distinction after graduation. British subjects only are eligible for this award.

TIGHE PRIZE.—A prize of $50, presented by Mr. James L. Tighe, B.A.Sc., for research work in Hydraulics.

AMERICAN SOCIETY OF METALS PRIZE.—A prize in selected metallurgical books to the value of $10 is offered by the Montreal Chapter of the American Society for Metals to the student graduating in Metallurgical Engineering who obtains the highest mark, provided he obtains honours standing in the subjects of Metallography and Thesis combined.

ROBERT FORSYTH PRIZE IN CIVIL ENGINEERING.—Under the will of the late Miss Jeanie Forsyth a prize of $40 is awarded each year, if the examiners so recommend, to a "worthy and needy" student of the graduating class who secures high standing in the subjects of Theory of Structures and Strength of Materials.

LOAN FUNDS

GEORGE HENRY FROST FUND.—Founded by the late G. H. Frost, B.Sc. 60, to aid students who, when commencing the work of the Fourth year or a subsequent year in the Faculty of Engineering, require financial assistance. In making loans from this fund the academic standing of the applicants is considered. Applications should be made to the Dean.

WADDELL LOAN FUND.—Founded by the late J. B. Waddell, Esq. Loans are made under the same conditions as apply to the George Henry Frost Fund, except that the benefits are available to graduate students as well as to undergraduates. Applications should be made to the Dean.

CANADIAN INSTITUTE OF MINING AND METALLURGY LOAN FUND.—Founded by the Montreal Women's Auxiliary of that organization for the assistance of Engineering students in Mining, Metallurgy, Geology, and allied subjects. Applications should be made to the Dean.

BENNETT EDUCATIONAL FUND.—Students in Engineering are eligible for loans from the Bennett Educational Fund of the Engineering Institute of Canada. Application forms may be obtained from the Office of the Dean. Loans from this fund are made normally only to students in upper years.

OTHER LOAN FUNDS (see page 624).

For awards open to Graduate Students see page 663.

F. OPEN TO STUDENTS IN THE FACULTY OF MEDICINE

For scholarships, bursaries, and loan funds open to undergraduates in all faculties see page 618.

MEDALS

HOLMES GOLD MEDAL, founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, M.D., LL.D., sometime Dean of the Faculty of Medicine, is awarded to the student graduating with the highest aggregate number of marks in the different branches comprised in the medical curriculum.

The student who wins the Holmes Medal has the option of exchanging it for a bronze and the money equivalent of the gold medal.

WOOD GOLD MEDAL, founded by Casey A. Wood, M.D., LL.D., awarded to the student graduating with the highest aggregate number of marks in the clinical examinations of the Final Year. The winner of the Holmes Medal is ineligible for this medal.

SUTHERLAND GOLD MEDAL, founded in 1878 by the late Mrs. Sutherland in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in this Faculty, is awarded for the best examination in Biochemistry, together with a creditable examination in the primary branches.

LIEUTENANT-GOVERNOR'S SILVER MEDAL, to be awarded to the student of the final year who, in the opinion of the Chairman of the Department of Health and Social Medicine, is most proficient in that subject.

LIEUTENANT-GOVERNOR'S BRONZE MEDAL, to be awarded to the student who obtains the highest standing in the final examination in Physiology.

WALTER CHIPMAN GOLD MEDAL, founded by the late Max Strean in honour of Dr. W. W. Chipman, to be awarded to the student obtaining the highest aggregate standing in Obstetrics and Gynæcology throughout the medical course.

PRIZES

JOSEPH HILS PRIZE.—(Founded by the late Dr. Joseph Hils, of Woonsocket, R.I.)—A prize in books, awarded to the student who obtains the highest number of marks in the subject of Pharmacology.

JOSEPH MORLEY DRAKE PRIZE.—(Founded by the late Joseph Morley Drake, M.D.)—A prize in books, to be awarded to the student who obtains the highest number of marks at the final examination in Pathology.

PRIMARY PRIZE.—A prize in books awarded for the best aggregate standing in the subjects of the first division (Anatomy, Histology, Physiology, Biochemistry).

F. SLATER JACKSON PRIZE.—A prize of $35 founded by Mr. and Mrs. H. F. Jackson in memory of their son, the late F. Slater Jackson, M.D. The prize is awarded to the student who obtains the highest standing in the final examinations, written and oral, in Histology.

SAMUEL ROSENFELD PRIZE.—A prize of $50 for the highest standing in Bacteriology and Immunology.

ALEXANDER D. STEWART PRIZE.—An annual prize in books, founded by the late W. Grant Stewart (Arts 1885, Med. 1888) in memory of his brother, the late Alexander D. Stewart (Med. 1888), to be awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every respect the highest qualifications to practise his profession.

ROBERT FORSYTH PRIZE.—Under the will of the late Miss Jeanie Forsyth a prize of $35 is awarded each year to a student who, upon graduation, has shown particular ability in all branches of Surgery.

JOHN MUNRO ELDER PRIZE.—An annual prize of $25 founded in 1935 by Aubrey H. Elder, Q.C., in memory of his father, John M. Elder, C.M.G., M.D., C.M., sometime Assistant Professor of Surgery in the Faculty. The prize is awarded to the student who obtains the highest standing in the final examinations, written and oral, in Anatomy.

CAMPBELL HOWARD PRIZE IN CLINICAL MEDICINE.—An annual prize of $50 founded by Mrs. Campbell Howard, in memory of her husband, the late Dr. Campbell P. Howard, Professor of Medicine at McGill University. The prize is awarded to the student who shows the most consistent excellence in his written case reports in the subject of Clinical Medicine.

CHESTER MACNAGHTEN PRIZES (see page 623).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 623).

SCHOLARSHIPS

UNIVERSITY SCHOLARSHIPS.—See page 618.

FREDERICK SMITH MEMORIAL SCHOLARSHIP.—One University Scholarship known as the Frederick Smith Memorial Scholarship is open only to students in the Faculty of Medicine.

DR. MAUDE E. SEYMOUR ABBOTT SCHOLARSHIPS.—Established in 1938 by an anonymous donation of $10,000 in honour of the late Maude E. Seymour Abbott, B.A., M.D., F.R.C.P. (Canada), LL.D. (McGill), to commemorate her distinguished work in connexion with the history of Canadian medicine, the Sir William Osler Pathological Collection, and her outstanding research in congenital cardiac disease.

The revenue of this fund is used for the provision of scholarships to be awarded by the University to an undergraduate in the Faculty of Medicine. While men and women are both eligible for the awards, women candidates will be given the preference. The amount of the awards will vary according to the needs of the winners.

Applications in writing must reach the Secretary of the Faculty before June 30th.

M. E. BINZ SCHOLARSHIP.—This scholarship of the value of $1,000 is awarded on the basis of scholarship, character, and serious financial need. It is restricted to Canadian students of either sex and of any race or religion, in any year of the medical course. Application should be made to the Secretary of the Faculty before June 30th.

WALTER J. HOARE MEMORIAL SCHOLARSHIP.—This scholarship was endowed by the late Dr. Charles W. Hoare, a graduate of McGill University, in memory of his son, Walter J. Hoare, who was killed in World War I.

It is open annually to pupils of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine. If there are no qualified candidates in this preferred class, the scholarship may be awarded to another candidate nominated by the Faculty of Medicine.

Applications in writing must reach the Secretary of the Faculty before June 30th.

KEITH HUTCHISON MEMORIAL SCHOLARSHIPS.—In memory of the late Dr. Keith Hutchison, two scholarships have been established in the Faculty of Medicine. Their normal value is $400 each per annum, but this is subject to adjustment at the Faculty's discretion in the light of the holder's financial needs. The scholarships are tenable in any year of the course and will be awarded on the basis of distinguished academic standing and financial need. The holder of a scholarship in any one session is eligible to re-apply for the following year. Applications in writing must reach the Secretary of the Faculty before June 30th.

SAMUEL ROSENFELD SCHOLARSHIP.—This scholarship of $150 will be awarded to a student entering the Second year, on the basis of scholarship and need. No application is required.

SAVORY BURSARY of $100, and other bursaries are tenable in the Second, Third, or Fourth year, without other restriction. Applications should be made to the Secretary of the Faculty before June 30th on forms obtainable from the Registrar's Office.

BRUCE SMITH BURSARY FUND.—This fund was set up by a bequest from the late Dr. Bruce Stewart Smith. It is "to assist poor but worthy medical students to complete medical training at McGill University." Application in writing should be made to the Secretary of the Faculty.

LOAN FUND

KELLOGG LOAN FUND.—Loans up to a maximum of $500 in any one year may be granted to students in good standing who require such assistance from a fund given to the Faculty by the Kellogg Foundation. The regulations and the application forms are the same as for other loan funds controlled by the University. Applicants should consult Dean D. L. Thomson, Chairman of the Scholarships Committee of the Faculty of Medicine; forms may be obtained from the Secretary of the Faculty.

For awards open to Graduates in Medicine see pages 664, 667, 676.

G. OPEN TO STUDENTS IN THE FACULTY OF DENTISTRY

For scholarships and bursaries open to undergraduates in all Faculties see page 618.

MEDALS AND PRIZES

MONTREAL DENTAL CLUB GOLD MEDAL AND A PRIZE IN BOOKS.—Awarded to the student in the final year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the year.

COLLEGE OF DENTAL SURGEONS OF THE PROVINCE OF QUEBEC PRIZE.—The Kenneth Carver Prize of twenty-five dollars awarded to the student, registered in Quebec, obtaining the highest standing in the practical examinations of the final year.

LIEUTENANT-GOVERNOR'S SILVER MEDAL AND A PRIZE IN BOOKS.—Awarded to the student in the final year who stands second in the class. The standing is determined in a manner similar to that followed in the awarding of the Gold Medal.

LIEUTENANT-GOVERNOR'S BRONZE MEDAL AND A PRIZE IN BOOKS.—Awarded to the student obtaining the highest marks in written and practical subjects in the third year examinations.

MONTREAL ENDODONTIA SOCIETY BOOK PRIZE.—Awarded to the student in the final year showing the greatest aptitude in this subject.

MONTREAL DENTAL CLUB PRIZES.—First, Second, and Third year prizes in money given by the Montreal Dental Club and awarded to the students obtaining the highest standing in the following technique subjects: First year, Dental Anatomy; Second year, to be chosen each year; Third year, Orthodontia Technique.

FIRST, SECOND, AND THIRD YEAR PRIZES.—Prizes in books, given by the Mount Royal Dental Society, are awarded to the students obtaining the highest standings at the sessional examinations.

DR. I. K. LOWRY PRIZES.—Prizes of medical dictionaries are awarded to the two students in the First year who obtain the highest marks in Oral Histology and Embryology.

CANADIAN DENTAL ASSOCIATION WAR MEMORIAL SCHOLARSHIP AWARD: First Prize $125.00; Second Prize $75.00. To be awarded annually.

The contest is open to all undergraduates of the final year who have been in attendance for at least two years at Canadian Dental Schools. The essay shall consist of 4,000 words.

Correspondence relative to this scholarship should be addressed to The Secretary, Canadian Dental Association, 234 St. George St., Toronto.

CHESTER MACNAGHTEN PRIZES (see page 623).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 623).

LOAN FUND

KELLOGG LOAN FUND.—A sum of money has been placed at the disposal of the Faculty of Dentistry by the Kellogg Foundation to assist dental students who have real financial need and are not eligible for assistance under other bursary and loan schemes. Applicants should consult the Dean of the Faculty of Dentistry.

H. OPEN TO STUDENTS IN THE FACULTY OF LAW

For scholarships and bursaries open to undergraduates in all Faculties see page 618.

SCHOLARSHIPS AND PRIZES

THOMAS ALEXANDER ROWAT SCHOLARSHIP.—Founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. The value of the scholarship is $125. It is awarded in alternate years for proficiency in the French language and in the old French law. Candidates must be British subjects of Anglo-Saxon origin.

CHARLES ALBERT NUTTING PRIZE.—Founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting, K.C., B.C.L., who graduated from the Faculty in 1872. The value of the prize is $70. It is awarded to the student in the First or Second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

MONTREAL BAR ASSOCIATION PRIZE.—The Montreal Bar Association offers a prize of $50 to the student who obtains the highest standing in Civil Law, and the Junior Bar Association offers a prize of $15 to the student who obtains the best marks in Civil Procedure in the final year.

ALEXANDER MORRIS EXHIBITION.—This exhibition of the value of $40, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the Second year.

ADOLPHE MAILHIOT MEMORIAL PRIZE.—This prize established by Mr. and Mrs. J. N. Mailhiot, of Victoriaville, P.Q., in 1927, consists of a prize of law books to be given annually to a student selected by the Faculty.

CHIEF JUSTICE GREENSHIELDS PRIZE.—This prize in Criminal Law endowed by Mrs. Greenshields in 1943 in memory of her husband, the late Chief Justice Robert Alfred Ernest Greenshields, is awarded to the member of the graduating class in Law having the highest standing in Criminal Law throughout the college course. The value of the prize is $30.

"I.M.E." PRIZE IN COMMERCIAL LAW.—A prize of $70 in law books awarded annually to the member of the graduating class having the highest standing in Commercial Law throughout the course.

CARSWELL PRIZES.—Two prizes of $30 each in books were established in 1948 by the Carswell Company, Toronto, Ontario, and are awarded to First or Second year students at the discretion of the Faculty.

READING SOCIETY OF MONTREAL PRIZE.—A prize of $50 established in 1952 by the Reading Society of Montreal to be awarded annually to the student who obtains the highest standing in the First year.

CHESTER MACNAGHTEN PRIZES (see page 623).

J. M. RUTHERFORD MEMORIAL PRIZE (see page 623).

MEDALS

ELIZABETH TORRANCE GOLD MEDAL.—Founded in 1864 by Professor John Torrance in memory of his wife, is awarded to the student who obtains the highest marks in the final examination.

No medals, prizes or scholarships will be awarded if, in the opinion of the Faculty, there is no candidate of sufficient merit.

For awards open to Graduate Students see pages 667 and 674.

I. OPEN TO STUDENTS IN THE FACULTY OF MUSIC

SIR WILLIAM PETERSON MEMORIAL SCHOLARSHIPS.—Established in 1921 by the University and by friends, graduates and pupils of the Faculty of Music. The interest upon the original endowment of $6,055 is used to support two scholarships in Music as a memorial to the late Sir William Peterson.

For further details consult the Secretary of the Faculty.

SIR WILLIAM MACDONALD MEMORIAL SCHOLARSHIPS.—Established in 1922 by the University. The interest upon the original endowment of $6,000 is used to support scholarships in Music as a memorial to the late Sir William Macdonald.

For further details consult the Secretary of the Faculty.

ELLEN BALLON PIANO SCHOLARSHIP.—Founded in 1928 by a gift of $1,500 from Miss Ellen Ballon, a graduate of the Conservatorium. The principal has been increased by a further gift of $1,500 from Miss Ballon. In making this award the Faculty takes into account the need as well as the ability of candidates.

DONALDA PRIZE.—Founded by a gift of $2,500 from Madame Pauline Donalda.

CONSTANCE WILLEY PRIZE.—Founded 1947 by Mrs. Arthur Willey for the candidate obtaining highest marks in the semi-final examinations for the Licentiate Diploma in Pianoforte playing.

For further details consult the Secretary of the Faculty.

UNIVERSITY BURSARIES.—Full-time students studying for the Licentiate in Music or for the Bachelor of Music degree are eligible for University Bursaries. *For details see page 608.*

J. OPEN TO STUDENTS IN THE FACULTY OF DIVINITY

W. M. BIRKS SCHOLARSHIPS.—Three W. M. Birks Scholarships are tenable by students in the Faculty of Divinity who are candidates for the B.D. degree. One of $250 to be awarded to the most outstanding student entering the First year of the B.D. course, and two, valued each at $100 to be awarded to the students who take highest place in the First and Second years of the course, to be paid during the following session, provided the students are then enrolled as candidates for the B.D. degree. Application for the entrance scholarship must be received by the Dean of the Faculty of Divinity accompanied by a complete transcript of the candidate's academic record and three supporting letters of recommendation on or before June 30th.

W. M. BIRKS GRADUATE FELLOWSHIP.—This Fellowship of $750 is available to a student enrolled in the Faculty of Graduate Studies and Research as a candidate for the degree of Master of Theology (S.T.M.). Minimum requirement is the degree of Bachelor of Arts and in addition, the degree of Bachelor of Divinity or its equivalent from a recognized university, college, or seminary. Applications must be received by the Dean of the Faculty of Divinity, accompanied by a complete transcript of the candidate's academic record, and three supporting letters of recommendation, on or before May 31st.

HOUSTON SCHOLARSHIP (see page 627).

Students of the Faculty of Divinity who are registered also in the Montreal Diocesan Theological College or in the United Theological College will be eligible for prizes, scholarships, and bursaries as announced in the calendars of these institutions.

K. OPEN TO STUDENTS IN MACDONALD COLLEGE

OPEN TO STUDENTS IN AGRICULTURE

FACULTY SCHOLARSHIPS AND BURSARIES.—The Faculty of Agriculture has a fund for scholarships and bursaries for degree students. For further particulars apply to the Registrar, Macdonald College.

ELIZA M. JONES SCHOLARSHIPS.—Five scholarships tenable in the Faculty of Agriculture of Macdonald College are offered annually to students entering the college for the first time. Two are offered to students entering the First year and three to students entering the Third year from other institutions. The value of the scholarships open to First year students is $200 in the First year, $150 in the Second year, and $100 in each of the Third and Fourth years. The value of the scholarships offered to students entering the Third year is $100 for the Third year and $100 for the Fourth year. These scholarships are renewable until the holders receive their first degree provided they maintain a high enough academic standing.

Application, on forms provided by the College, must be made to the Registrar, Macdonald College, Quebec, before September 15th.

I.O.D.E. SCHOLARSHIP.—A scholarship of $200 ($100 for 2 years) is offered by the Provincial Chapter of the Imperial Order Daughters of the Empire to the British student taking the highest marks in the final examinations of the Second year.

QUEBEC WOMEN'S INSTITUTE BURSARY.—The Institute provides a bursary of $50 to the student entering the Second year of the Diploma Course in Agriculture at Macdonald College, who—

(1) is a professional farmer's son, or daughter, from the Province of Quebec.

(2) has spent at least one season (seed time to harvest) in his father's employ on the farm,

(3) intends to return to his father's farm for at least one year on completion of his course (or to manage his own farm),

(4) and who, if more than one candidate presents himself as fulfilling the above three requirements, takes the highest proficiency in agricultural subjects in the First year or, if he is the only candidate, he obtains at least Class II standing in these subjects.

If no student can qualify for the above, this bursary will be made available as an entrance bursary to the First year of the Diploma Course.

JAMES RIST GORHAM SCHOLARSHIP.—A scholarship of $100 established by the late W. M. Gammon in memory of his friend, James Rist Gorham, B.Sc. (Agr.), killed in action March 17th, 1942. The scholarship will be granted to the student in the General Agriculture option who ranks first in the final examinations of the Third year.

BORDEN COMPANY LIMITED SCHOLARSHIP.—A scholarship of the value of $200 is offered by the Borden Company Limited of Canada to encourage promising students who take a course of study of value to the dairy industry. The award will be made to a student on completion of his Third year, half payable at the beginning of the second term. The following factors will be considered in making the award: high standing in the subjects of his course during the Third year with emphasis on dairying, dairy chemistry, or dairy bacteriology; participation in student organizations and college activities; co-operation with students and staff in the advancement of the interests of the student body and the College as a whole.

KIWANIS CLUB BURSARIES.—The Kiwanis Club of Montreal offers five bursaries of $100 each for students entering the First year of the Diploma Course. Special consideration is given to members of calf clubs in their home districts, and the bursaries are restricted to students from the districts of Huntingdon, Ormstown, Howick, Cowansville, Lachute, and Arundel.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS (see page 611).

DISTRICT OF BEDFORD GRADUATES' SOCIETY SCHOLARSHIP (see page 615).

ST. FRANCIS DISTRICT GRADUATES' SOCIETY BURSARY (see page 615).

OPEN TO STUDENTS IN THE SCHOOL OF HOUSEHOLD SCIENCE

FREDERICA CAMPBELL MACFARLANE SCHOLARSHIP.—A scholarship has been donated by the Quebec Women's Institutes in memory of the late Frederica Campbell Macfarlane, graduate in Institution Administration, 1912, Superintendent of Quebec Women's Institutes from 1913 to 1919. This scholarship is of the value of $50, is open only to students from a rural district of the Province of Quebec, and is awarded to the student in any of the first three years of the Home Economics course who obtains the highest percentage of marks possible in the final examination.

MRS. ALFRED WATT MEMORIAL SCHOLARSHIP.—A scholarship of $50, established by contributions from the Branch Institutes of the Quebec Women's Institutes as a memorial to a distinguished Canadian, Mrs. Alfred Watt, M.B.E. The scholarship is awarded by the Director of the School of Household Science to any deserving student, residing in a rural area of the Province of Quebec, who has successfully passed the final examinations of the First, Second or Third year of the B.Sc.(H.Ec.) course, and who enters the next higher year.

I.O.D.E. BURSARY.—The Imperial Order Daughters of the Empire offers a bursary of $200 to a Canadian student who has successfully completed the Second year of the B.Sc.(H.Ec.) course and has obtained satisfactory standing. The bursary is offered to aid a worthy student who is in need of financial assistance in order to complete her studies. It is payable in two equal instalments at the beginning of the Third and the Fourth years of the course. Other considerations being equal, preference will be given to a candidate from rural Quebec. Application must be made to the Registrar before September 1st, on forms supplied by the College.

CANADIAN HOME ECONOMICS ASSOCIATION BURSARY.—The Montreal Branch of the Canadian Home Economics Association offers a bursary of $75 to a deserving student on completion of the Third year of the B.Sc.(H.Ec.) course. Application for this bursary must be made to the Registrar before September 1st.

DISTRICT OF BEDFORD GRADUATES' SOCIETY SCHOLARSHIP (see page 615).

ST. FRANCIS DISTRICT GRADUATES' SOCIETY BURSARY (see page 615).

BURSARIES IN THE SCHOOL FOR TEACHERS

I.O.D.E. BURSARY.—The Municipal Chapter I.O.D.E. offers a bursary of $350, tenable in the School for Teachers, Macdonald College. The award is made by a committee of the Municipal Chapter on the basis of scholarship and need. Applications are to be sent to the Educational Secretary, I.O.D.E., The Municipal Chapter of Montreal, Mount Royal Hotel, Montreal.

VERDUN WOMEN'S CLUB HARRIET MORRIS MEMORIAL BURSARY.—This bursary of $100 is tenable for one year and is awarded annually by the Verdun Women's Club in memory of the co-founder of the Club, Harriet Morris, to a student who has completed Grade XI in the Verdun High School and who plans to enter the Macdonald College School for Teachers. The award is based on academic record, character, and financial need. Preference is given to women students.

CHRISTIE-STORER SCHOLARSHIP (see page 616).

ISABELLA C. MACRAE SCHOLARSHIP (see page 616).

LEONARD FOUNDATION SCHOLARSHIPS (see page 620).

KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND (see page 620).

B'NAI B'RITH BURSARIES (see page 619).

FREDERICK SOUTHAM KER BURSARY (see page 620).

IV. GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

For scholarships and bursaries open to students in all Faculties see page 618.

DEMONSTRATORSHIPS AND INSTRUCTORSHIPS.—In several departments graduate students are eligible for demonstratorships and instructorships. Information concerning these may be obtained from the Chairman of the Department concerned.

FELLOWSHIPS AND SCHOLARSHIPS.—The following list of graduate awards is divided into three sections: A, tenable during graduate study at McGill University only; B, tenable either at McGill University or elsewhere; C, a partial list of travelling fellowships and scholarships for which graduates of McGill University may be eligible. In each of these sections the awards are listed in alphabetical order of the undergraduate faculties from which applicants may have proceeded. In Section D are collected the names of awards for which graduates of other universities who wish to pursue advanced studies at McGill may be eligible. It is to be noted that not all awards listed are open for competition each year; further, an award which is open for competition may not be granted if none of the applications is considered meritorious.

Applications for fellowships and scholarships should be made by letter, except in the special cases where application forms are mentioned; applicants should simultaneously apply for admission to the Faculty, unless this has been previously granted.

A. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT McGILL UNIVERSITY ONLY

(*See also Section B*)

OPEN TO GRADUATES IN TWO OR MORE FACULTIES

ALLIED CHEMICAL AND DYE CORPORATION FELLOWSHIP IN CELLULOSE CHEMISTRY.—This fellowship of $1,200 is tenable by a graduate student in Chemistry, preferably Cellulose Chemistry, normally in the Third year of the Ph.D. course. The Department of Chemistry nominates the recipient.

AMERICAN VISCOSE CORPORATION SYLVANIA DIVISION FELLOWSHIP IN CELLULOSE CHEMISTRY.—This fellowship of $1,000 per annum may be granted to a graduate of any recognized university who is a British or American subject and is to carry out research on esters or ethers of cellulose in the Division of Cellulose and Industrial Chemistry, located in the Pulp and Paper Research Institute. Applications should be sent to Professor C. B. Purves not later than May 1st.

H. L. BLACHFORD FELLOWSHIP IN ORGANIC CHEMISTRY.—A fellowship of the value of about $750 tenable by a student proceeding to his master's or doctor's degree in Organic Chemistry may be granted for the session 1953-54. Applications should be sent to the Chairman of the Department of Chemistry, not later than May 1st.

CALIFORNIA STANDARD COMPANY GRADUATE FELLOWSHIP.—This fellowship, of $750, is awarded annually to an outstanding student who is beginning or continuing graduate work at the University in studies related to the oil industry. Further particulars may be obtained from the Dean of the Graduate Faculty.

CANADA PACKERS FELLOWSHIPS IN BIOCHEMISTRY.—Renewable fellowships of $1,000 annually have been given by Canada Packers Ltd. to assist graduates of any approved university to proceed to higher degrees in Biochemistry under the direction of Professor J. H. Quastel, to whom application should be made before May 1st.

C-I-L FELLOWSHIPS.—Two postgraduate fellowships in Chemistry, each of the value of $1,200, each with an additional grant of $300 for research expenses, and tenable in the Department of Chemistry (one in the Division of Industrial and Cellulose Chemistry), were established in 1941 by Canadian Industries Limited. These fellowships are known as the C-I-L Fellowships and are open to any British subject who is a graduate of a recognized university. Normally the fellowships will be tenable for one year only, but in special cases they may be renewed for a second year. Application should be made in writing to the Chairman of the Department of Chemistry not later than May 1st.

J. B. COLLIP FELLOWSHIPS IN MEDICAL RESEARCH.—Up to three fellowships of $1,500-$2,500 each are awarded for study at McGill in Anatomy, Bacteriology, Biochemistry, Histology, Pathology, Pharmacology, or Physiology. Candidates must hold the M.Sc. or Ph.D. in one of these subjects, or a degree in medicine, from a recognized university. Graduates of the McGill medical faculty may be permitted to hold the fellowship at an approved institution elsewhere. Application should be made before February 1st to the Secretary of the Faculty of Medicine, from whom application forms and further particulars may be obtained.

COMINCO FELLOWSHIP.—The Consolidated Mining and Smelting Company of Canada, Limited, offers annually a fellowship of $1,000 for research related to metals, fertilizers, and chemicals; an additional grant up to $200 may be made for research expenses or for continuance of the investigation. The fellowship is open to graduates of any approved university, in Science, Engineering, or Agriculture, who will normally be proceeding towards a higher degree at McGill. Canadian applicants are preferred. The topic of research will be selected in consultation

with the donors and with the Dean of the Faculty of Graduate Studies, to whom application should be made not later than May 1st.

COMMUNITY PLANNING FELLOWSHIPS.—Fellowships of $1,000 will probably be available for graduates of any approved university who are seeking a McGill master's degree in Geography, Architecture, Economics, Civil Engineering, Political Science, or Sociology, and who are prepared to participate in the programme of research and study in community planning that is sponsored by these departments. Applications should reach the Dean of the Graduate Faculty before May 1st.

GOTTESMAN FELLOWSHIP IN WOOD CHEMISTRY.—The D. S. and R. H. Gottesman Foundation offers annually a fellowship of $800 for research carried out in the Pulp and Paper Research Institute under the supervision of the Department of Chemistry. The candidate must be an American or British subject and a graduate of a recognized university; he will normally be expected to register at McGill as a candidate for a higher degree. The award is made on the recommendation of the Joint Administrative Committee of the Institute and of the Department of Chemistry. Applications should be sent to Professor C. B. Purves not later than May 1st.

HAROLD HIBBERT MEMORIAL FELLOWSHIP.—This fellowship, the value of which is approximately $3,000, is open to candidates who hold a Ph.D. in Chemistry from an approved university or have equivalent qualifications, and is tenable for one calendar year in the Department of Chemistry at McGill University, where the holder is expected to devote his full time to research. It is not renewable. Letters of application should reach the Dean of the Graduate Faculty by May 1st.

T. STERRY HUNT RESEARCH SCHOLARSHIP IN CHEMISTRY.—This scholarship of the value of $600 is open to graduates in Chemistry and Chemical Engineering who have completed the course for the degree of M.Sc., M.Eng. or Ph.D. and have shown high capacity for research. The holder is to assist in the Department as a demonstrator. No application is required.

INCO FELLOWSHIPS.—Three fellowships of $500 each were established in 1941 by the International Nickel Company of Canada. They are tenable by students working for the master's degree in Inorganic or Physical Chemistry, Chemical Engineering, Mining, Metallurgy, or Geology. One of the three awards is tenable at McGill University. Letters of application should reach the Dean of the Graduate Faculty by May 1st.

FRANK J. SENSENBRENNER FELLOWSHIP IN INDUSTRIAL AND CELLULOSE CHEMISTRY.—This Fellowship of $1,000, sponsored by the Spruce Falls Power and Paper Corporation, Limited, is open to Canadian graduates

of any approved University who wish to proceed to a higher degree in Industrial and Cellulose Chemistry. Applications should reach the Dean of the Graduate Faculty before May 1st.

LEROY MEMORIAL FELLOWSHIP IN GEOLOGY.—This fellowship of $600, established by some friends of Captain O. E. LeRoy (Arts, 1895), who was killed in the battle of Passchendaele, in October, 1917, is awarded annually to a student who desires to proceed with postgraduate studies in Geology at McGill University. The recipient may be called upon to assist in the teaching work of the Department. The award is made by the Chairman of the Department of Geological Sciences in consultation with the Principal.

ALEXANDER MCFEE FELLOWSHIP.—This fellowship of $1,000 is open to graduates of any approved university who are resident full-time candidates for higher degrees or diplomas at McGill. The award will be made in 1952 in Medical Sciences (with preference for Cancer research), in 1953 in Physics, in 1954 in Chemistry, and so on in rotation. Applications should reach the Dean of the Graduate Faculty before May 1st.

MCGILL-ARCTIC INSTITUTE CARNEGIE SCHOLARSHIPS.—Candidates must intend to proceed at McGill to a research programme involving field research in Arctic or Subarctic North America; this may be in Biology, Geology, Geography, Psychology, Sociology, etc. The normal value is $750 for the winter session and $1,500 for the expenses of a field expedition the following summer. Applications should be sent to the Arctic Institute, 3485 University Street, Montreal, before May 1st. Exceptionally, for experienced applicants, the summer's field work may precede the winter session of tenure, in which case applications must be received by February 1st. There is also a Fellowship of $4,000, to assist a senior worker in preparing a book or monograph based on field research already accomplished.

PROVINCE OF QUEBEC SCIENTIFIC RESEARCH BUREAU FELLOWSHIPS.—The Bureau grants fellowships, normally of $750 annually, to graduate students who have bona-fide domicile in the Province and are pursuing researches, in any branch of science, which may lead to contributions to the welfare of the Province and the development of its industries. For further particulars consult the Dean of the Faculty of Graduate Studies and Research, before May 1st.

SHELL OIL FELLOWSHIP.—This fellowship of $900 and sessional fees, plus a grant up to $250 for research expenses, is offered to a graduate of any approved university proceeding towards a Master's degree or Ph.D. at McGill in one of the following fields: Chemistry, Chemical Engineering,

Mechanical Engineering, Geology, Physics, Geophysics. Application should be made to the Dean of the Graduate Faculty not later than May 1st.

SOLVAY FELLOWSHIP.—This fellowship of the annual value of $1,150 is offered for the first year of study in the Faculty of Graduate Studies and Research. The award is tenable in any Department of the Faculty, and is open to men and women equally. The holder must have graduated in an undergraduate Faculty of McGill University in the session prior to that for which the award is given, and must obtain permission to proceed to graduate study. No teaching duties are required of the holder, who may not hold any other fellowship or bursary, nor receive a salary for teaching or other duties, during his tenure. Applications for this fellowship must be made to the office of the Dean of the Graduate Faculty on or before May 1st in each year.

VISKING LIMITED FELLOWSHIP.—This fellowship of $1,500 plus $500 for tuition fees and research expenses may be awarded to a Ph.D. candidate in Chemistry who will be, and has been for at least one year, identified in his research and training programme with the work of the Pulp and Paper Research Institute. No application is required.

OPEN TO GRADUATES IN AGRICULTURE ONLY

WALTER M. STEWART SCHOLARSHIPS IN AGRICULTURE.—Two scholarships of $500 each are offered to postgraduate students at Macdonald College. One may be held by a postgraduate student whose undergraduate work was taken at the Institut Agricole d'Oka, one by a student from the Collège de Sainte Anne de la Pocatière. Application for these scholarships must be made to the Directors of the two colleges concerned.

C-I-L FELLOWSHIP IN AGRICULTURE.—Canadian Industries Limited offer a fellowship of $750 to a student engaged in graduate work at Macdonald College. The fellowship is open to any British subject who is a graduate of a recognized university, and the chosen candidate may be registered in any department provided his research is concerned with some phase of the use of chemicals in agriculture. At the close of the academic year a full written report of all work performed under the fellowship shall be submitted to Canadian Industries Limited. Applications, addressed to the Registrar, must be made before May 15th.

COMINCO FELLOWSHIP.—See page 658.

OPEN TO GRADUATES IN ARTS AND SCIENCE ONLY

BRONFMAN FELLOWSHIPS IN COMMERCE AND ECONOMICS.—The Graduate Faculty offers two fellowships of $1,200 each to men and women who have graduated in Commerce or in Economics from accredited universities since January 1st, 1940. The holder of the fellowship is entitled to apply

again in a subsequent year. Holders will be expected to be in residence at McGill University throughout the academic session, and to be candidates for a higher degree at McGill. A small amount of teaching work may be asked. Application forms can be obtained from the Dean of the Graduate Faculty. The completed forms should be returned to the Dean of the Graduate Faculty on or before May 1st. Preference will be given to applicants who have previous research experience.

PHILLIP CARPENTER FELLOWSHIP IN ZOOLOGY of about $700, founded in 1892 by Mrs. Philip P. Carpenter for "a post-graduate teaching fellowship or scholarship in Natural Science or some branch thereof in the Faculty of Arts of McGill College." Application may be made to Professor John Stanley before May 1st.

ISLAMIC INSTITUTE FELLOWSHIPS.—The Institute of Islamic Studies offers several fellowships annually, of the value of $1,250 each, to graduate students enrolling in the Institute and participating full time in its programme of research on Islam in the modern world, or preparing themselves to do so. The candidate must hold a good Honours degree from a recognized university. Previous training in oriental learning is not a prerequisite, providing the applicant has first-class standing in one of the humanities or social sciences (preferably the former) and has demonstrated an active and intelligent interest in intercultural or international affairs. It is the policy of the Institute to award its fellowships in such a way that the number of Muslims and Westerners in the research programme remains approximately equal.

MARY KEENAN SCHOLARSHIP IN ENGLISH.—This scholarship of $200 is awarded by the Department of English to a student who is proceeding at McGill University from the B.A. to the M.A. in English and who may receive the most benefit from the award. The need of the student as well as his ability will be taken into consideration. No application is required.

ALEXANDER MACKENZIE FELLOWSHIP IN POLITICAL SCIENCE.—This fellowship of the annual value of $950 is tenable by a graduate of any accredited university. Such tenure is conditional upon the acceptance by the Department of Economics and Political Science of the applicant as being entitled to admission to the Faculty of Graduate Studies and Research in the field of Political Science. A certain amount of tutorial and teaching work will be required of the holder of the fellowship. Under certain conditions, which may be ascertained in consultation with the Department of Economics and Political Science, this fellowship may be held for a second or third year. Each candidate should send (i) a letter of application, (ii) a certified copy of his academic record,

(iii) not more than three testimonials. These should reach the Dean of the Graduate Faculty before the 1st of May. There are no application forms.

ARTHUR C. TAGGE FELLOWSHIP IN THE HUMANITIES AND SOCIAL SCIENCES.—This fellowship of the annual value of $1,200 is tenable by a graduate of any approved university proceeding to a higher degree in any Department of the Humanities or the Social Sciences. It will normally be awarded for the first year of graduate study and not be renewable, but exceptions to these rules are not excluded. Applications are invited from outstanding students in the last year of the undergraduate course, at McGill or elsewhere, and should reach the Dean of the Graduate Faculty not later than May 1st.

UNIVERSITY FELLOWSHIPS.—The Board of Governors in 1948 set aside $4,000 annually to establish fellowships in the Humanities and Social Sciences, tenable at McGill by graduates of any approved University who have been admitted to candidacy for a higher degree in these fields including the M.A., M.C.L., LL.M., S.T.M., or Ph.D. The value of each is $800, or $400 for those who can live at home in Montreal. Application should be made to the Dean of the Graduate Faculty, by letter, prior to May 1st, and should be accompanied or preceded by an application for admission to the Faculty.

OPEN TO GRADUATES IN DIVINITY ONLY

W. M. BIRKS FELLOWSHIP IN DIVINITY.—(see page 653).

OPEN TO GRADUATES IN ENGINEERING ONLY

SIR WILLIAM DAWSON FELLOWSHIP IN METALLURGY.—A research and teaching fellowship of $600 annually, in the Department of Metallurgical Engineering, endowed in memory of the late Sir William Dawson, Principal of McGill University from 1855 to 1893. If, in any particular year, the Department of Metallurgy has no candidate for this fellowship and for that same year the Department of Mining has a suitable candidate for whom no fellowship is available the Sir William Dawson Fellowship shall become available to the Department of Mining.

JAMES DOUGLAS FELLOWSHIP IN MINING.—A research and teaching fellowship of $550 annually, in the Department of Mining Engineering, endowed by the late Dr. James Douglas, and restricted to McGill graduates.

B. J. HARRINGTON BURSARY IN MINING ENGINEERING.—This bursary of approximately $150 a year, supported by graduates in Mining Engineering in memory of the late Professor B. J. Harrington, is awarded annually if a suitable candidate offers, and is restricted to McGill graduates.

JOHN BONSALL PORTER SCHOLARSHIP.—This scholarship of $200 founded by Dr. W. W. Colpitts (B.Sc., 1899), is open to graduate students proceeding to the degree of M.Eng. in Civil, Mechanical, or Electrical Engineering, preference being given to students in Civil Engineering. Applications should be in the hands of the Dean of the Faculty of Engineering not later than July 30th. In the case of graduates of other universities these must be accompanied by certified statements of academic standing and letters of recommendation.

PROVINCE OF QUEBEC MINING BURSARIES (see page 644).

WADDELL LOAN FUND.—Loans from this fund, which was founded by J. B. Waddell, Esq., may be made to graduate as well as undergraduate students in any Department of Engineering. Application should be made to the Dean of the Faculty of Engineering.

OPEN TO GRADUATES IN MEDICINE ONLY

A. A. BROWNE MEMORIAL FUND.—The sum of $10,000 has been received by the Faculty of Medicine from the committee of the A. A. Browne Memorial Fund. This fund is used either for a fellowship to be known as the "A. A. Browne Memorial Fellowship", or for a grant to a department to provide technical assistance, equipment, and supplies for medical research. The fellowship is open to graduates of any recognized medical school and is for the advancement of medical science, special preference being given to the subjects of Obstetrics and Gynaecology. For further information apply to the Secretary of the Faculty of Medicine.

JAMES COOPER ENDOWMENT FOR THE STUDY AND TEACHING OF INTERNAL MEDICINE was established by a bequest from the late James Cooper. The income from this fund will be used for fellowships or for grants to departments to provide technical assistance, equipment, and supplies for medical research.

JAMES DOUGLAS FELLOWSHIP IN PATHOLOGY.—The sum of $25,000 was donated by the late Dr. James Douglas, the proceeds to be devoted to co-ordinated research in the laboratories of pathology in or associated with the University.

BLANCHE HUTCHINSON RESEARCH FUND was established by a bequest from the late Mrs. Frank L. Hutchinson. The income from this fund will be used for fellowships or for grants to departments to provide technical assistance, equipment, and supplies for medical research.

H. W. MOLSON FELLOWSHIP IN CANCER RESEARCH.—This fellowship has an annual value of not less than $1,000, is renewable for not more than four years, and is open to graduates of any recognized medical school. The course of training and research will be decided by the Strathcona Professor of Pathology and the Professor of Obstetrics and Gynaecology,

and will ordinarily comprise one or more years of study in the Pathological Institute followed by clinical research in the Royal Victoria Hospital. Applications should be made to the Dean of the Faculty of Medicine.

FELLOWSHIPS IN NEUROLOGY, NEUROPATHOLOGY, AND NEUROSURGERY.—A limited number of fellowships may be available in the Montreal Neurological Institute, to which inquiries should be directed.

JEANNETTE VICTOR MEMORIAL SCHOLARSHIP.—This scholarship, of the value of $250, is open to graduates of any approved medical school who are registered in the Graduate Faculty of McGill University and who are principally engaged in research upon the physiology of the heart, or its diseases; tenure of this award does not disqualify the scholar from holding another award or position. Application should be made by letter to the Dean of the Graduate Faculty, prior to May 1st.

B. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT McGILL UNIVERSITY OR ELSEWHERE

OPEN TO GRADUATES IN TWO OR MORE FACULTIES

RUSSELL J. EDDY FOUNDATION SCHOLARSHIP.—This award, of $1,000 for the session, is tenable by a graduate of a Canadian university pursuing graduate work in Chemistry or Chemical Engineering at any approved institution; applications should be submitted to the Chemical Institute of Canada, 18 Rideau Street, Ottawa, before March 1st.

IMPERIAL OIL GRADUATE RESEARCH FELLOWSHIPS.—Four fellowships of $1,250, renewable up to three years, are offered annually by Imperial Oil Limited to graduates of approved Canadian universities, and are offered for research leading towards a Doctor's degree at any approved university in Geology, or Chemistry, or Engineering, or Economics, or Industrial Relations, or Business Administration. Applications are forwarded by the University at which the undergraduate course was followed, and inquiries should be made at the Graduate Faculty office not later than May 1st or from the Secretary, Imperial Oil Scholarships Committee, 56 Church Street, Toronto 1.

McGILL DELTA UPSILON MEMORIAL SCHOLARSHIP.—Founded by the McGill Chapter of the Delta Upsilon Fraternity in memory of the members of that Chapter who gave their lives in the Boer War, the Great War of 1914-18, and the Second World War of 1939-45. This scholarship is open to graduates of the University in all faculties. The Selection Committee will consider: (a) the general scholarship of the candidate; (b) his need of financial assistance for further study; (c) the general usefulness to the community of the special branch of study he proposes to follow; (d) the likelihood that the candidate will reflect credit on the University. The present value of the scholarship is about $1,500. Application should be made in writing to the Registrar before April 1st.

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS.—Bursaries, studentships, and fellowships, of the value of $600, $900, and $1,200 respectively, will probably be awarded in 1954 by the National Research Council to highly qualified Canadian graduates in Science, including Engineering and Agriculture, pursuing graduate studies in Canada. They are open on equal terms to men and women whose age should not exceed 30. Further particulars and application forms may be obtained from the Registrar's Office and applications should be made before February 1st. There are also "Summer Supplemental Scholarships" of $500, and special awards for holders of Ph.D. and M.D. degrees.

MERCK POST-DOCTORAL FELLOWSHIPS.—These awards of $2,500 to $5,000 are tenable by Canadians in any branch of Chemistry or Biology including Medical Sciences; they are administered by the National Research Council, to which application should be made before February 15th.

INTERNATIONAL NICKEL OF CANADA FELLOWSHIPS.—These awards of $1,500 (plus $500 for research expenses) are renewable up to three years, and are open in the fields of Metallurgy, Mining, Geology, and the Chemistry and Physics of Metals. Application is made before February 28th to a committee of the National Conference of Canadian Universities, and originates from the Professor under whom the research will be carried out, rather than from the student.

OPEN TO GRADUATES IN AGRICULTURE

MACDONALD COLLEGE ALUMNI ASSOCIATION GRADUATE SCHOLARSHIP.—In memory of graduates and undergraduates of the Faculty of Agriculture who died in service during the War of 1914-1918; created, in connection with the Centennial Campaign, 1920, through subscriptions of graduates, undergraduates, members of the staff and other friends; of a present value of $200 and available to any graduate in Agriculture of Macdonald College (McGill University) for graduate work in Agriculture at any college or university of recognized standing. The holder is chosen by a committee appointed by the executive of the Macdonald College Alumni Association, and applications should be addressed to the Secretary of the Macdonald Branch of the McGill Graduates' Society, Macdonald College, P.Q., before October 1st.

OPEN TO GRADUATES IN ARTS AND SCIENCE ONLY

GUY DRUMMOND SCHOLARSHIP IN POLITICAL SCIENCE AND ECONOMICS.—This scholarship, open to men only, originally endowed by the late Guy M. Drummond, is awarded annually by the University Scholarships Committee to a graduating student in the Faculty of Arts and Science nominated jointly by the Department of Economics and Political Science and the Department of Romance Languages. In making the nomination the two Departments will take into account the student's academic

record and the likelihood that he will make a contribution of value to Canadian life. The student nominated must be taking the honours course in Political Science. Selection of the scholar is made on the initiative of the University Scholarships Committee. It is not applied for by the candidate. The value of the Scholarship is $2,600. $2,000 of this covers a year of study in Paris and the remaining $600 a further year at McGill University studying for the M.A. degree. In Paris, the holder will study at the Institut d'Etudes Politiques unless he wishes to specialize in Economics rather than Political Science and has been granted permission by McGill University to study at the Sorbonne or at the Institut d'Economie Appliquée.

ALLEN OLIVER FELLOWSHIP IN ECONOMICS.—This fellowship has been established by Mrs. Frank Oliver, of Edmonton, Alta., in "proud and loving memory of her son, the late Allen Oliver, M.C., B.A., Lieutenant, 26th Battery, C.F.A., who was killed in action at the Somme on November 18th, 1916." Lieutenant Oliver was an honour graduate in 1915 in the Department of Economics and Political Science. The fellowship is awarded annually to the student who stands highest in first class honours in the Department of Economics and Political Science at the final B.A. examination, and the holder is required to pursue his studies in Economics and Political Science at McGill University or elsewhere. The present value of the scholarship is about $750. No application is required.

WOODROW WILSON FELLOWSHIPS.—These Fellowships, tenable in the First year of graduate work in the Humanities and Social Sciences, at any approved university, are awarded upon invitation only and cannot be applied for.

OPEN TO GRADUATES IN LAW ONLY

EDWIN BOTSFORD BUSTEED SCHOLARSHIP.—Founded by the will of the late Mrs. Edwin Botsford Busteed and awarded to an applicant, chosen by the Faculty, who desires to carry out graduate research on some subject connected with the law of Quebec and approved by the Faculty. The value of the scholarship is the income from a capital sum of $6,000, or approximately $240.

OPEN TO GRADUATES IN MEDICINE ONLY

G. RUTHERFURD CAVERHILL FELLOWSHIP IN MEDICINE.—A fellowship of variable value to assist demobilized medical officers to obtain post-graduate training in medicine or research experience. Preference will be given to graduates of McGill University. Enquiries should be made of the Dean of the Faculty of Medicine.

JOHN MCCRAE FELLOWSHIP.—This fellowship of $1,000 may be awarded to candidates of the following types: (1) Graduates of any approved medical school who are candidates for the Diploma in Surgery, Urology,

Otolaryngology, Radiology, etc., or (2) McGill graduates in Medicine, or (3) graduates of any approved medical school proceeding towards a McGill M.Sc. or Ph.D. in fields related to Surgery, etc., it being understood in all cases that the holder is expected to spend twelve months in full-time laboratory or clinical research at McGill or an approved institution elsewhere. Applications should be made to the Dean of the Faculty of Medicine not later than May 1st, and should be accompanied by a letter of recommendation from a member of the teaching staff, a transcript of the undergraduate record, and a description of the proposed research indicating the institution selected and the person responsible for its direction. The period of tenure should commence not earlier than June nor later than October; a final report on the work done is required. In all cases preference will be given to candidates aiming at a course in Surgery, and to researches likely to contribute to Surgery and its branches.

NATIONAL RESEARCH COUNCIL MEDICAL FELLOWSHIPS.—These are designed to provide training and research in one of the medical sciences (not for clinical training), and have values of $1,500, or from $1,600 to $2,500 for those with previous research experience. Applications should be submitted to the National Research Council before March 1st.

OSLER MEMORIAL SCHOLARSHIP.—This scholarship is normally awarded by the Canadian Medical Association every third year to a candidate nominated by the Faculty of Medicine "in order that such candidate may pursue studies to advance the knowledge of medicine and to improve the teaching of clinical medicine." Candidates must be graduates of not more than ten years' standing and, other things being equal, preference will be given to a graduate of McGill University.

J. FRANCIS WILLIAMS SCHOLARSHIP IN MEDICINE AND CLINICAL MEDICINE.—This scholarship of the annual value of $500, founded by the late J. Francis Williams, M.D., to be awarded on the result of a special examination open to students of the final year who have had a high general scholastic standing and who are approved by the Chairman of the Department of Medicine.

C. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT OTHER UNIVERSITIES ONLY

(*See also Section B*)

OPEN TO GRADUATES IN SEVERAL FACULTIES

COLONIAL RESEARCH FELLOWSHIPS.—The British Government offers two-year fellowships of £400-£750 per annum to graduates in the Natural and Social Sciences who are British subjects, under 35, and competent to prosecute research on subjects relevant to the development of the British Colonial Empire, ordinarily at a centre of higher education in one of the colonies. Further particulars may be obtained from the Dean of the Graduate Faculty.

SCIENCE SCHOLARSHIPS GRANTED BY HER MAJESTY'S COMMISSIONERS FOR THE EXHIBITION OF 1851.—These scholarships, of £450 sterling a year, with an additional grant of £50 a year to cover University fees, etc., are tenable for two or, exceptionally, three years. They are to enable students to devote themselves to research work under conditions most likely to equip them for practical service in the scientific life of the Commonwealth. The holder is required to devote himself to research, the particular nature of which must be approved by the Commissioners. Three of these scholarships, which are tenable at any institution approved by the Commission, are allotted to Canada each year, the scholars being chosen by the Commission from the nominees of certain universities, among which McGill is included. Candidates will in most cases have completed from one to three years of postgraduate study; the scholarships are usually held at universities in the United Kingdom. Candidates should apply, not later than January 15th, through the Chairman of their Department. Details concerning the regulations may be obtained from the Registrar's Office.

EXCHANGE FELLOWSHIP WITH THE UNIVERSITY OF GLASGOW.—An exchange fellowship has been established whereby a McGill graduate may spend a session of postgraduate work in the University of Glasgow. McGill University provides $400 towards the cost of transportation; Glasgow provides tuition, room, and board from October 1st to June 30th with an additional allowance of £50. Recommended fields of study are Chemistry, Physics, Zoology, Marine Biology, Botany, Geology, Economics, and the Medical Sciences. Application in writing should be made to the Dean of the Graduate Faculty by May 1st; preference will be given to applicants who are Canadian and who have studied at McGill for several years.

POSTGRADUATE SCHOLARSHIPS GRANTED BY THE IMPERIAL ORDER DAUGHTERS OF THE EMPIRE.—Nine scholarships, in memory of the men and women who gave their lives in defence of the Empire in World War I, are offered annually—one for each province. They are of the value of $2,000 and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial History, the Economics and Government of the Empire and Dominion, or any subject vital to the interests of the Empire."

Three additional postgraduate scholarships of $2,000 each have been established by the Imperial Order Daughters of the Empire in memory of the men and women who gave their lives in defence of the Empire in World War II. These scholarships are offered annually to enable students to carry on postgraduate work in History, Philosophy, English, or French Literature and are tenable at any University in the British Empire. They may be awarded for a second year to the same candidate.

Full details may be obtained from the Registrar's Office or from the Provincial Educational Secretary of the Order in any Canadian Province. In Quebec the address is Room 1111, Mount Royal Hotel, Montreal. Applications should be submitted by October 15th.

NUFFIELD FOUNDATION FELLOWSHIPS.—These awards are made in the Natural Sciences and in the Humanities and Social Sciences, and are open to Canadians 25 to 35 years old who have at least a year's teaching or research experience beyond the level of the Ph.D. degree. They are tenable in the United Kingdom, their value being £600-£800. Application forms may be obtained from Mr. G. V. Ferguson, 245 St. James St. West, Montreal, and should be submitted by January 15th at latest.

ONTARIO RESEARCH COMMISSION SCHOLARSHIPS.—The Commission (43 Queen's Park, Toronto), offers scholarships of $500, $900, and $1,200 to enable British students resident in Canada to pursue research in pure or applied science at any university in Ontario. Applications are due on March 1st.

PROVINCE OF QUEBEC POSTGRADUATE SCHOLARSHIPS.—A number of scholarships are granted annually by the Government of the Province to graduates who wish to complete their studies outside Canada. These scholarships are each of the value of $1,200 per annum. They are awarded in the first instance for one year, but their tenure may be extended to three years if the work of the holder is satisfactory. Candidates must be bona-fide residents of the Province of Quebec and preference is given to those who intend to carry on teaching or research work in Canadian universities or schools on their return to Canada. Each letter of application should state the candidate's age at next birthday, his subject of study, and the institution he plans to attend, and should be accompanied by two testimonials from members of his faculty and two additional references from responsible citizens. The awards are generally announced by the Provincial Government at the end of July each year. Applications should be addressed to the Registrar and submitted not later than the 1st of April.

RHODES SCHOLARSHIPS.—These scholarships of £400 a year with a special allowance of £100 a year are tenable for two years at the University of Oxford. A third year may be granted under certain conditions. Candidates must be British subjects with at least five years domicile in Canada and be between the ages of nineteen and twenty-five. Two scholars are chosen annually from the Province of Quebec, and men students in any faculty may apply. Applications must be in the hands of the Secretary of the Provincial Selection Committee not later than November 10th. Further details of tenure, eligibility, and qualifications, and application forms may be obtained from the Registrar's Office, or the Provincial Secretary, Mr. J. S. Hodgson, 227 Lockhart Ave., Town of Mount Royal, Que.

ROYAL SOCIETY OF CANADA FELLOWSHIPS.—Research Fellowships of the maximum value of $2,500 each are awarded annually by the Royal Society of Canada to Canadians who have done advanced work in any branch of Science or Literature. They are normally tenable outside Canada only. These awards are open to men and women on equal terms, whose age should not exceed 32, and candidates except in very special cases should have obtained the degree of Doctor of Philosophy or its equivalent. Pre-doctoral scholarships of $1,500 each in the Humanities are also available. Copies of regulations and application forms may be obtained from the Secretary, Fellowships Board, Royal Society of Canada, The Public Archives, Ottawa. Applications must be submitted before February 1st.

SWISS EXCHANGE SCHOLARSHIPS.—Two postgraduate exchange scholarships are offered annually tenable at the following Swiss universities:

University of Basel
University of Berne
University of Geneva
University of Zurich
Institute of Economic and Political Sciences, St. Gall
Federal Institute of Technology, Zurich.

These scholarships cover the cost of tuition fees only. Candidates must be prepared to pay all travelling costs and all incidental expenses such as books, living expenses, cost of vacation periods, etc. Candidates must be recommended by McGill University and have a good scholastic record, a satisfactory knowledge of French or German, and good health. The scholarships are open to both men and women of any faculty. Applications should be made to the Registrar by April 1st.

CANADIAN FEDERATION OF UNIVERSITY WOMEN'S PROFESSIONAL FELLOWSHIP.—This fellowship of $1,000 is open to any woman holding a degree from a Canadian University who is not more than 35 years of age at the time of award and whose domicile is in Canada. The proposed place and plan of study must be approved by the Fellowship Committee. The award will be based on evidence of character, intellectual achievement, and promise. Preference will be given to candidates who have completed one or more years of professional work and who desire to spend a year at an accredited Library School, College of Education, or similar professional school. Full information can be obtained from the Convener of the Fellowship Committee, Miss Virginia Cameron, Assistant Registrar, McGill University, Montreal, Quebec. Applications and testimonials must be received before February 1st.

CANADIAN FEDERATION OF UNIVERSITY WOMEN'S TRAVELLING FELLOWSHIP.—This fellowship of $1,500 is open to any woman holding a degree from a Canadian University who is not more than 35 years of age at the time

of award and whose domicile is in Canada, although she may be studying elsewhere at the date of application. The award is based on evidence of character, intellectual achievement, and promise. Preference will be given to candidates who have completed one or more years of graduate study and who have a definite course of study or research in view. The general policy will be to grant the fellowship alternately to students engaged in scientific research and to those engaged in research in the humanities. Full information can be obtained from the Convener of the Fellowship Committee, Miss Virginia Cameron, Assistant Registrar, McGill University, Montreal, Quebec. Applications and testimonials must be received before February 1st.

CANADIAN FEDERATION OF UNIVERSITY WOMEN'S JUNIOR FELLOWSHIP.—This fellowship of the value of $1,200 is open to any woman graduate of a Canadian university who is not more than 25 years of age at the time of award and whose domicile is in Canada, although she may be studying elsewhere at the date of application. The award will be based on evidence of character, intellectual achievement, and promise. The proposed place and plan of study must be approved by the Committee. Preference will be given to students who have studied in only one university and who desire to continue their studies in another. Full information can be obtained from the Convener of the Fellowship Committee, Miss Virginia Cameron, Assistant Registrar, McGill University, Montreal, Quebec. Applications and testimonials must be received before February 1st.

CANADIAN FEDERATION OF UNIVERSITY WOMEN'S MARGARET MCWILLIAMS FELLOWSHIP.—This fellowship of $1,200 was awarded for the first time in 1953. In 1955 and alternate years it will be open to a woman graduate of a Canadian University to study outside Canada and in 1954 and alternate years to any woman holding a degree recognized by the International Federation of University Women who wishes to carry out postgraduate study or research in a Canadian university. The proposed place and plan of study must be approved by the Canadian Federation Fellowship Committee. The award will be based on evidence of character, achievement, and promise. Preference will be given to candidates who have started their graduate study and who have a definite course of study or research in view. Full information can be obtained from the Convener of the Fellowship Committee, Miss Virginia Cameron, Assistant Registrar, McGill University, Montreal, Quebec. Applications and testimonials must be received before February 1st.

OPEN TO GRADUATES IN ARCHITECTURE

A. F. DUNLOP SCHOLARSHIP.—This scholarship of approximately $1,600 was established in 1951 by the will of the late Mrs. Catherine A. Dunlop as a travelling scholarship for students graduating in Architecture.

HUGH MCLENNAN MEMORIAL SCHOLARSHIP.—Established by the Hon. John Stewart McLennan and Dr. Francis and Miss Isabella McLennan in memory of Hugh McLennan, son of the Hon. John Stewart McLennan, killed at the Battle of Ypres in 1915. The amount of this scholarship is $1,000. It will be awarded to the student graduating in Architecture who during his course has shown the greatest capacity in the solution of problems and who gives promise of creative ability.

OPEN TO GRADUATES IN ARTS AND SCIENCE

MOYSE TRAVELLING SCHOLARSHIPS.—The Moyse Travelling Scholarships were founded by the late Right Honourable Lord Atholstan, to commemorate the "splendid services of Dr. Charles E. Moyse, for forty-two years Professor of English, during sixteen of which he was Dean of the Faculty of Arts and Vice-Principal of the University." Two scholarships, each tenable for one year, are awarded by the Faculty of Arts and Science, one for distinction in literary subjects, and the other for distinction in scientific subjects. If a deserving applicant in one of these divisions is not forthcoming, both scholarships may be awarded to applicants who belong to the other. The holder must devote the period of the tenure of the scholarship to advanced study, preferably in a British or European university, but not to the exclusion of other universities. The scholarships are normally of the value of $1,500 each. Applications should be made to the Dean of the Faculty of Arts and Science not later than April 1st. Applications should be accompanied by:

(1) an official transcript of the applicant's academic record to date.

(2) the names of two referees who are familiar with the applicant's work.

(3) a statement, as precise and particular as possible, of the course of study which the applicant proposes to pursue if awarded the scholarship; the institution or centre at which he, or she, proposes to study; and the purpose to which the study is to be directed.

(4) a statement of the applicant's age and nationality.

OPEN TO GRADUATES IN ENGINEERING

ATHLONE FELLOWSHIPS.—These fellowships are awarded annually by Her Majesty's Government in the United Kingdom to enable Canadian engineering graduates to take postgraduate training in the United Kingdom. The fellowships fall into two groups: Group A, available for graduates on completion of a bachelor's or higher degree; Group B, for engineers who have already spent some time in industry. The fellowships provide for a period of two years in the United Kingdom and are awarded on the understanding that their holders afterwards return to Canada to follow their careers. They are available for any among the following options but preference is given for courses involving works

experience: (1) Works training in one or more approved industrial organizations. (2) Postgraduate studies in a United Kingdom university or college or research establishment. (3) A combination of (1) and (2). (4) Research in a United Kingdom University leading to the degrees of M.Sc. or Ph.D. Each fellowship covers the cost of travel from home to the United Kingdom and return, the cost of approved university or college tuition and other fees, maintenance allowance, and a travelling allowance of £25 extra within the United Kingdom for educational and cultural purposes. Further information and application forms may be obtained from Canadian University Registrars. The closing date for receipt of applications is January 15th.

OPEN TO GRADUATES IN LAW

MACDONALD TRAVELLING SCHOLARSHIP.—This scholarship was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is approximately $1,200. The scholar elected is required to pursue a year's study in the Law Faculty of a French university approved in each case by the McGill Faculty of Law. The award is made at the discretion of the Faculty to a student of the graduating class, proceeding to the Bar, who has obtained first or second class honours in the final examination and who would be unable without such financial help to spend a year in France. The Faculty interprets the will of the late Sir William Macdonald as intending that the scholarship be awarded only to men students preparing for practice as advocates in the Province of Quebec.

FELLOWSHIPS OFFERED BY OTHER UNIVERSITIES

Graduates of McGill University who desire to undertake graduate study elsewhere should note that many universities offer fellowships and scholarships for which they may be eligible. Particulars of many of these may be obtained in the Registrar's Office. In many cases applications should be prepared not later than the January preceding the session for which the award is made.

D. FELLOWSHIPS AND SCHOLARSHIPS OPEN TO GRADUATES OF OTHER INSTITUTIONS FOR STUDY AT McGILL UNIVERSITY

A number of the awards listed in the preceding pages (Sections A and B) may be held by graduates of other institutions while pursuing graduate study at McGill University; these are listed below.

VARIOUS SUBJECTS

IMPERIAL OIL GRADUATE RESEARCH FELLOWSHIPS (see page 665).

INTERNATIONAL NICKEL CO. OF CANADA FELLOWSHIPS (see page 666).

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS (see page 666).
SOLVAY FELLOWSHIP (see page 661).
ARTHUR C. TAGGE FELLOWSHIP AND UNIVERSITY FELLOWSHIPS (see page 663).
UNIVERSITY WOMEN'S FEDERATION SCHOLARSHIPS (see page 671).
McGILL-ARCTIC INSTITUTE CARNEGIE FELLOWSHIPS (see page 660).

AGRICULTURE

COMINCO FELLOWSHIP (see page 658).
WALTER M. STEWART SCHOLARSHIP (see page 661).

BIOLOGICAL SCIENCES

CANADA PACKERS FELLOWSHIPS (see page 658).
PHILIP CARPENTER FELLOWSHIP (see page 662).

CHEMISTRY

ALLIED CHEMICAL AND DYE CORPORATION FELLOWSHIP (see page 657).
AMERICAN VISCOSE CORPORATION FELLOWSHIP (see page 657).
H. L. BLACHFORD FELLOWSHIP (see page 658).
C-I-L FELLOWSHIPS (see page 658).
COMINCO FELLOWSHIP (see page 658).
RUSSELL J. EDDY FOUNDATION SCHOLARSHIP (see page 665).
GOTTESMAN FELLOWSHIP (see page 659).
T. STERRY HUNT RESEARCH SCHOLARSHIP (see page 659).
INCO FELLOWSHIP (see page 659).
FRANK J. SENSENBRENNER FELLOWSHIP (see page 659).
SHELL OIL FELLOWSHIP (see page 660).

ECONOMICS

BRONFMAN FELLOWSHIPS (see page 661).
ALEXANDER MACKENZIE FELLOWSHIP (see page 662).

ENGINEERING

COMINCO FELLOWSHIP (see page 658).
INCO FELLOWSHIP (see page 659).
JOHN BONSALL PORTER SCHOLARSHIP (see page 664).
FRANK J. SENSENBRENNER FELLOWSHIP (see page 659).
SHELL OIL FELLOWSHIP (see page 660).

GEOLOGY

INCO FELLOWSHIP (see page 659).
LEROY MEMORIAL FELLOWSHIP (see page 660).

SHELL OIL FELLOWSHIP (see page 660).

IMPERIAL OIL FELLOWSHIPS (see page 665).

MEDICINE AND MEDICAL SCIENCES

A. A. BROWNE MEMORIAL FUND (see page 664).

G. RUTHERFURD CAVERHILL FELLOWSHIP (see page 667).

J. B. COLLIP FELLOWSHIP (see page 658).

JAMES COOPER FUND (see page 664).

JAMES DOUGLAS FELLOWSHIP (see page 664).

BLANCHE HUTCHINSON FUND (see page 664).

JOHN MCCRAE FELLOWSHIP (see page 667).

H. W. MOLSON FELLOWSHIP (see page 664).

FELLOWSHIPS IN NEUROLOGY (see page 665).

OSLER MEMORIAL SCHOLARSHIP (see page 668).

JEANNETTE VICTOR MEMORIAL SCHOLARSHIP (see page 665).

PHYSICS

SHELL OIL FELLOWSHIP (see page 660).

The attention of applicants for admission to the Faculty of Graduate Studies is also drawn to the existence of demonstratorships and instructorships in certain departments (see page 657).

N.B.—From time to time scholarships, fellowships, or research grants are made available by industrial corporations to encourage research by graduate students upon specific problems suitable for M.Sc., M.Eng., or Ph.D. theses and for publication, but also of commercial significance. As such awards may be offered for only one or two sessions, it is not possible to have them listed in this Announcement; the Departments concerned should be consulted.

V. SCHOLARSHIPS, PRIZES AND MEDALS IN THE VARIOUS SCHOOLS OF THE UNIVERSITY

OPEN TO STUDENTS IN THE SCHOOL OF COMMERCE

See pages 636, 637, and 638, also cross references there given.

OPEN TO STUDENTS IN THE LIBRARY SCHOOL

For scholarships and bursaries open to undergraduates in all Faculties see page 618.

ETHELWYN M. CROSSLEY SCHOLARSHIP FUND, founded in honour of a former student of the Library School. Women students are given preference.

ELIZABETH G. HALL SCHOLARSHIP FUND, founded in memory of a former member of the McGill University Library staff.

Awards from both these funds are made, after due investigation and recommendation, to deserving students who require financial assistance to take the course. Application should be made to the Director of the Library School.

OPEN TO STUDENTS IN THE SCHOOL OF PHYSICAL EDUCATION

For scholarships and bursaries open to undergraduates in all Faculties see page 618.

SCHOLARSHIPS

A. S. LAMB SCHOLARSHIPS.—These scholarships, endowed by friends of Dr. Arthur S. Lamb, formerly Director of the School of Physical Education and of the University Department of Athletics, Physical Education, and Recreation, as a tribute to his work in these fields, were offered for the first time in 1951. There are two scholarships of $100 each, tenable, one by a man and one by a woman, in the final year of the School of Physical Education. They are awarded by a small committee who will take into account both the academic record and the personal qualities of the students eligible. No applications for these scholarships are necessary.

PRIZES AND MEDALS

GOLD MEDAL.—The School offers a gold medal to the student who attains the highest general proficiency throughout the course.

LIEUTENANT-GOVERNOR'S SILVER MEDAL.—This medal is awarded to the junior student who attains the highest general proficiency in the sessional examinations.

(N.B.—The above conditions may be amended and prizes may be withheld at the discretion of the Committee.)

OPEN TO STUDENTS IN THE FRENCH SUMMER SCHOOL

FRENCH SUMMER SCHOOL SCHOLARSHIPS.—A number of Resident Scholarships varying in value from $75 to $125 are offered to teachers and to students of colleges and universities who are qualified to enter Section B (Intermediate) or Section C (Advanced). (*See French Summer School Announcement.*)

OPEN TO STUDENTS ENTERING THE SCHOOL FOR GRADUATE NURSES

SCHOLARSHIPS

Applicants for scholarships must meet the entrance requirements of the University (Junior Matriculation standing or its equivalent). Preference will be given to applicants with experience in the nursing field.

ALEXANDRA HOSPITAL.—The Board of Governors offers a scholarship in the form of full maintenance at the hospital during a year's study at the School for Graduate Nurses. Only members of the hospital nursing staff are eligible.

ASSOCIATION OF NURSES OF THE PROVINCE OF QUEBEC:

(a) A scholarship of $500 is customarily offered to a member of the Association of Nurses of the Province of Quebec whose qualifications are acceptable to McGill University for any course selected in the School for Graduate Nurses.

(b) District No. 11 (English Chapter) Association of Nurses of the Province of Quebec offers a scholarship of $750 to a member of the Chapter, whose qualifications are acceptable to the University.

CHILDREN'S MEMORIAL HOSPITAL SCHOOL OF NURSING.—The Board of Governors offers a scholarship in the form of maintenance at the hospital during one year's study at the School for Graduate Nurses.

MONTREAL GENERAL HOSPITAL SCHOOL OF NURSING.—The Mildred Hope Forbes Memorial Scholarship Fund provides annual scholarships for graduate work in nursing at a Canadian university, offered to graduates of the Montreal General Hospital School of Nursing.

ROYAL VICTORIA HOSPITAL SCHOOL OF NURSING:

(a) The Mabel F. Hersey Scholarship is given annually by the Board of Governors for a year of postgraduate study at the School for Graduate Nurses, McGill University.

(b) The Emma Thomas Scholarship is offered annually for postgraduate study.

(c) The Ida McGregor Scholarship is offered annually for postgraduate study.

VICTORIAN ORDER OF NURSES FOR CANADA.—The Victorian Order of Nurses for Canada offers scholarships of $750 to nurses to assist them in taking postgraduate preparation in Public Health Nursing. The recipients are obligated, following their course, to work one year for the Victorian Order in the area where their services are most urgently needed.

QUEEN ELIZABETH HOSPITAL.—The Alumnæ Association of the Queen Elizabeth Hospital School of Nursing offers to its members a scholarship of $300 for one year's study in Teaching in Schools of Nursing at the School for Graduate Nurses. In addition, consideration for maintenance would be given by the Hospital on application.

REDDY MEMORIAL HOSPITAL.—The Board of Trustees offers a scholarship for a year's study at the School for Graduate Nurses. Only graduates of the School of Nursing in connection with the Hospital are eligible.

GOVERNMENT BURSARIES.—A limited number of bursaries are made available through the School by the Province of Quebec for nurses who wish to remain in the province.

KELLOGG FOUNDATION LOAN FUND.—Through the generosity of the Foundation, this fund has been established to assist graduate nurses who have unexpected expenses while registered in courses at the school. For further particulars applicants should consult the Director of the School for Graduate Nurses.

OPEN TO STUDENTS IN THE SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY

For scholarships, bursaries, and loan funds open to undergraduates in all faculties (*see page 618*).

DR. F. G. FINLEY BOOK PRIZE awarded annually to the student with the highest standing in the First year.

CANADIAN PHYSIOTHERAPY ASSOCIATION BOOK PRIZE awarded annually to the student with the highest standing in the final year.

LIEUTENANT-GOVERNOR'S SILVER MEDAL, to be awarded to the student with the highest standing throughout the course.

CANADIAN LEGION SCHOLARSHIPS.—Graduate and undergraduate bursaries are available. Application should be made through the School.

OPEN TO STUDENTS IN THE SCHOOL OF SOCIAL WORK

A number of bursaries are available for each session.

Substantial financial assistance may be given under the Federal-Provincial Health Grants to students desiring to qualify in psychiatric and medical social work.

Similar assistance is also available through some Provincial Governments in Canada and State Governments in the United States. Prospective students, other than those from Quebec, interested in obtaining such financial assistance should make inquiry through their provincial or state government.

A limited number of bursaries supported by private organizations are available.

While awards are made only to students of attainment and promise, the financial needs of applicants will receive consideration. Inquiries should be addressed to the Director.

Loans are available from the Social Work Alumni and Southam Loan Funds.

VI. MEDALS AND PRIZES IN THE DEPARTMENT OF ATHLETICS, PHYSICAL EDUCATION, AND RECREATION

I. FOR MEN

WICKSTEED MEDALS.—The Wicksteed silver and bronze medals for physical education (the gift of the late Dr. R. J. Wicksteed) are offered for competition to students of the graduating class and to students who have had instruction in the gymnasium for two sessions; the silver medal to the former, the bronze medal to the latter. The award of these medals is made by judges appointed by the University. The medal is not awarded to any student who fails in his examinations for the degree.

DR. CHARLES F. MARTIN LAWN TENNIS TROPHY.—Presented by the late Walter Vaughan, a former Bursar, in honour of Dr. Charles F. Martin, this trophy is open for competition to undergraduate students of McGill University and is awarded to the winner of the annual singles competition. A miniature is presented to the winner for his retention.

FOOTBALL TROPHIES

FRED WIGLE MEMORIAL TROPHY.—For the most sportsmanlike Senior Football player.

CLAIRE MUSSEN MEMORIAL TROPHY.—For the most valuable Intermediate Football player.

McGILL TOUCHDOWN CLUB TROPHY.—For the most valuable Lineman in Senior Football.

LOIS OBECK TROPHY.—For the most improved Senior Football player of the year.

W. S. LEA MEMORIAL TROPHY.—For the most valuable Senior Football player.

HOCKEY TROPHY

DR. BOBBY BELL MEMORIAL TROPHY.—For the most valuable Senior Hockey player.

I. FOR WOMEN

STRATHCONA PRIZES.—The Department of Athletics, Physical Education, and Recreation in conjunction with the M.W.S.A.A., offers a prize for competition in each of the four years of the Faculty of Arts and Science. Details of the competition are announced at the beginning of each session.

DR. CHARLES F. MARTIN LAWN TENNIS TROPHY.—Presented by the late Walter Vaughan, a former Bursar, in honour of Dr. Charles F. Martin, this trophy is open for competition to undergraduate students of McGill University and is awarded to the winner of the annual singles competition. A miniature is presented to the winner for her retention.

INDEX OF AWARDS

	PAGE
Abbott (Dr. Maude E. S.) Scholarships	648
Agriculture Scholarships	654
Alexander (Charles) Scholarship	626
Alexandra Hospital Scholarship	677
Allan (Margaret Jane) Scholarship	626
Alliance Française Medals	630
Allied Chemical and Dye Corporation Fellowship	657
Alpha Omicron Pi Bursary	634
Alumnæ Society Bursaries and Loans	635
American Can Company Scholarships	617
American Society of Metals Prize	645
American Viscose Corporation Sylvania Division Fellowship	657
Anglin Bursary	642
Anglin-Norcross Prizes	639
Arts and Science Scholarships	625
Association of Nurses Scholarship	678
Athlone Fellowships	673
Ballon (Ellen) Piano Scholarships	653
Barclay Scholarship	626
Baylis Scholarship	642
Beatty (Sir Edward) Memorial Medal	638
Beatty (Sir Edward) Memorial Scholarships	612
Bedford Graduates' Society's Scholarship	615
Bennett Educational Fund	646
Binz (M.E.) Scholarship	648
Birks (W. M.) Graduate Fellowship	653
Birks (W. M.) Scholarships	653
Blachford (H. L.) Scholarship	658
B'nai B'rith Bursaries	619
B'nai B'rith Hillel Foundation Bursary	619
B'nai B'rith Women's Auxiliary No. 257 Bursary	635
Borden Company Limited Scholarship	655
Botany, Prizes in	632
Botterell (Edmund Henry) Prize	635
British Association Prizes	639

	Page
British Association Medal	645
Bronfman Fellowships	661
Browne (A. A.) Fellowship	664
Bruce (Robert) Bursary	612
Bruce (Robert) Scholarships	612, 628
Bruck (Isaac) Memorial Scholarships	636
Bursaries	608
Busteed (Edwin Botsford) Scholarship	667
Byers (A. F.) Bursary	645
California Standard Company Undergraduate Scholarships	643
California Standard Company Graduate Fellowship	658
Canada Packers Fellowships	658
Canadian Army University Course Memorial Bursary	623
Canadian Dental Association War Memorial Scholarship	650
Canadian Federation of University Women's Junior Fellowship	672
Canadian Federation of University Women's Margaret McWilliams Fellowship	672
Canadian Federation of University Women's Professional Fellowship	671
Canadian Federation of University Women's Travelling Fellowship	671
Canadian Home Economics Association Bursary	656
Canadian Institute of Mining and Metallurgy Loan Fund	646
Canadian Institute of Mining and Metallurgy Prizes	640
Canadian Legion Scholarships	679
Canadian Pacific Railway Company's Scholarships	613
Canadian Physiotherapy Association Book Prize	679
Canadian Pittsburgh Industries Scholarship	644
Caplan Bursary	622
Carpenter (Philip) Fellowship	662
Carswell Prizes	652
Carver (Kenneth) Prize	650
Caverhill (G. Rutherfurd) Fellowship in Medicine	667
Chapman (Henry) Gold Medal	630
Chapman (Henry) Prize	631
Chemical Industry Society's Prize	641

	Page
Cherry Prize	631
Children's Memorial Hospital Scholarship	678
Chipman (Walter) Gold Medal	647
Christie-Storer Scholarship	616
C-I-L Fellowships	658
C-I-L Fellowship in Agriculture	661
Colonial Research Fellowships	668
Collip (J. B.) Fellowships	658
Cominco Fellowship	658
Commercial Society Loan Fund	638
Community Planning Fellowships	659
Consolidated Mining and Smelting Co. Fellowship	658
Cooper (James) Endowment	664
Corporation of Professional Engineers, Bursary of	642
Corporation of Quebec Land Surveyors Prize	639
Crossley (Ethelwyn M.) Scholarship Fund	676
Daly (Marion McCall) Prize	632, 635
Dawson (Sir William) Scholarship	626, 641
Dawson (Sir William) Fellowship	663
Delta Phi Epsilon Sorority Bursary	628
Delta Upsilon Memorial Scholarship	665
Dental Surgeons of the Province of Quebec (College of) Prize	650
Demonstratorships	657
Dentistry: First, Second, and Third Year Prizes	650
Derick (Carrie) Scholarship	635
Dey (William John) Bursaries	621
Dominion-Provincial Bursaries	619
Donalda Prize	653
Douglas (Dr. James) Bursaries	642
Douglas (Dr. James) Fellowship in Mining Engineering	663
Douglas (Dr. James) Fellowship in Pathology	664
Drake (Joseph Morley) Prize	647
Drummond (Guy) Scholarship	666
Duggan (G. H.) Memorial Scholarships	614
Dunlop (A. F.) Scholarship	672
Dunn (Stuart) Memorial Scholarship	622

	Page
Eccles (James) Scholarship	619
Eddy (Russell J.) Foundation Scholarships	665
Elder (John Munro) Prize	648
Engineering Institute of Canada Prizes	640
Engineering Undergraduate Society's Prizes	640
Evans (Nevil Norton) Scholarship	644
Exhibition of 1851 Scholarships	669
Fairley (Grace) Trafalgar Scholarship	616
Fantham Memorial Prize in Zoology	631
Farrand (Narcissa) Scholarship	616
Finley (Dr. F. G.) Book Prize	679
Football Trophies	680
Forbes (Mildred Hope) Memorial Scholarship	678
Forsyth (Dora) Prize	631, 636
Forsyth (Robert) Prizes	645, 647
Fourth Year Scholarships in Arts and Science	628
French Government's Bronze Medal	630
French Summer School Scholarships	677
Frost (George Henry) Loan Fund	646
Frothingham Bursaries	621
Glasgow Exchange Fellowship	669
Gorham (James Rist) Scholarship	654
Gottesman Fellowship	659
Governor-General's Gold Medal	630
Governor-General's Silver Medal	630
Greenblatt Scholarship	628
Greenshields, The Chief Justice, Prize	652
Hall (Elizabeth G.) Scholarship Fund	676
Hall (James Dickie) Prize	640
Harrington (Dr. B. J.) Bursary	663
Hersey (Mabel F.) Scholarship	678
Hibbert (Harold) Memorial Fellowship	659
Hils (Joseph) Prize	647
Hingston Bursary	622
Historical Society's Prize	632
Hoare (Walter J.) Scholarship	648

PAGE

Hockey Trophy 680
Hodgson (Madelene) Prize 632
Hodgson (Sidney J.) Scholarships 615
Holmes Gold Medal 646
Houston Scholarship 627
Howard (Campbell) Prize 648
Hunt (Dr. T. Sterry) Scholarship 659
Hunter (Georgina) Scholarship 635
Hurlbatt (Ethel) Scholarship 634
Hutchinson (Blanche) Research Fund 664
Hutchison (Keith) Memorial Scholarships 649
I. M. E. Prize 652
Imperial Oil Graduate Research Fellowships 665
Inco Fellowships 659
International Nickel of Canada Fellowships 666
I.O.D.E. Bursary in Household Science 656
I.O.D.E. Bursary in the School for Teachers 656
I.O.D.E. Scholarship in Agriculture 654
I.O.D.E. Second War Memorial Bursaries 617
I.O.D.E. Postgraduate Scholarships 669
Institute of Radio Engineers Prizes 641
Instructorships 657
Isaacs (Celia Amdur) Memorial Bursary 620
Islamic Institute Fellowships 662
Jackson (F. Slater) Prize 647
Jacobs (Joseph H.) Prize 637
Jacobson (Joseph Alfred) Memorial Scholarship 622
Jenkins Brothers' Scholarship 643
Jewish Women (Local Council of) Bursaries 635
Johnson (Phelps) Prize 640
Jones (Eliza M.) Scholarships 654
Jones (Frank P.) Scholarships 615
Jones (Hon. Robert) Bursary 612, 642
Joseph (Ethel Walkem) Prize 632
Keenan (Mary) Scholarship 662
Kellogg Loan Fund 649, 651, 679

	PAGE
Kennecott Copper Corporation Scholarship	643
Ker (Frederick Southam) Bursary	620
Khaki University and Y.M.C.A. Memorial Scholarship Fund	620
Kimberly (James C.) Scholarships	641
Kiwanis Club Bursaries	655
Knights of Pythias Scholarship	628
Lamb (A. S.) Scholarships	677
Lea (Richard S.) Tutorial Bursary	642
Lea (W.S.) Memorial Trophy	680
Leonard Foundation Scholarships	620
LeRoy Memorial Fellowship	660
Lieutenant-Governor's Medals	630, 638, 645, 647, 650, 677, 679
Loan Funds	608, 624, 649
Loans	608
Logan Gold Medal	630
Logan Prizes in Botany and Zoology	632
Logan Scholarships	627
Lowry (Dr. I. K.) Prizes	650
Lutheran Student Loan Fund	624
Lyman (Hannah Willard) Scholarship	628
McCall (James Darling) Scholarship	629
McCaskill (Duncan) Scholarship	616
McCharles Prize	642
McConnell (J. W.) Memorial Scholarships	611
McConnell (J. W.) Memorial Scholarships, Holders of	606
McCrae (John) Fellowship	667
Macdonald College Alumni Association Scholarship	666
Macdonald (Sir William) Entrance Scholarships	612
Macdonald (Sir William) Scholarships in Arts and Science	626
Macdonald (Sir William) Memorial Scholarships in Music	652
Macdonald (Sir William) Travelling Scholarship in Law	674
Macfarlane (Frederica Campbell) Scholarship	655
McFee (Alexander) Fellowship	660
McGill Alumnae Scholarships	634
McGill-Arctic Institute Carnegie Scholarships	660
McGill U.N.T.D. Bursary	622

PAGE

McGill (Women Associates of) Bursary 621
McGregor (Ida) Scholarship 678
Macintosh (Annie) Prize 631, 636
MacKay (H. M.) Memorial Scholarship 643
Mackenzie (Alexander) Fellowship 662
Mackenzie (Alexander) Scholarships 628, 629
McLennan (Hugh) Scholarship 673
Macnaghten (Chester) Prizes 623
MacRae (Isabella) Scholarship 616
Mailhiot (Adolphe) Memorial Prize 651
Marceau (Ernest) Prize 640
Martin (Dr. Charles F.) Lawn Tennis Trophy 680
Merck Post-Doctoral Fellowships 666
Millen (Laddie) Memorial Scholarship 637
Mills (Major Hiram) Gold Medal 630
Mills (Major Hiram) Scholarship 627
Mining and Metallurgical Research Fellowships 663
Molson (Anne) Gold Medal 630
Molson (Anne) Prize 632
Molson (Anne) Scholarship 629
Molson (H. W.) Fellowship in Cancer 664
Montreal Bar Association Prize 651
Montreal Dental Club Gold Medal 650
Montreal Dental Club Prizes 650
Montreal Endodontia Society Book Prize 650
Montreal General Hospital Scholarships 678
Montreal Neurological Institute Fellowship 665
Montreal Women's Club Eliza Reid Memorial Scholarship 617
Montreal Stock Exchange and Canadian Stock Exchange Prize 637
Morris (Alexander) Exhibition 651
Mount Royal Dental Society Prizes 650
Moyse Travelling Scholarships 673
Muskatov (Boris) Prize in Psychology 633
National Council of Jewish Women of Montreal Bursaries 620
National Federation of Canadian University Students Inter-regional Scholarships 623

	Page
National Research Council Medical Fellowships	668
National Research Council Scholarships	666
Notre Dame de Grace Women's Club Bursary	617
Nuffield Foundation Fellowships	670
Nurses' Association Scholarship	678
Nutting (Charles Albert) Prize	651
Ochs (Adolph S.) Scholarships	641
Oliver (Allen) Fellowship	667
Oliver (Allen) Gold Medal	630
Ontario Graduates' Society Loan Fund	624
Ontario Research Commission Scholarships	670
Ornithology Prize	632
Osler Memorial Scholarship	668
Ottawa Valley Graduates' Society Bursary	613
Pappelbaum (Sydney S.) Bursary	637
Penhallow Prize	631
Penhallow Scholarship in Botany	627
Peterson Memorial Prize in Literature	631
Peterson Memorial Scholarship in Classics	627
Peterson Memorial Scholarships in Music	652
Pettes, Mrs. N. (Narcissa Farrand) Scholarship	616
Physical Education (School of) Gold Medal	677
Porter (Dr. J. B.) Scholarship	664
Presbyterian College Scholarships	618
Primary Prize in Medicine	647
Prince of Wales Gold Medal	630
Prince of Wales Scholarship	629
Quebec (Province of) Bursaries in Nursing	678
Quebec (Province of) Mining Bursaries	644
Quebec (Province of) Postgraduate Scholarships	670
Quebec (Province of) Psychological Association Prize	633
Quebec (Province of) Scientific Research Bureau Fellowships	660
Quebec Women's Institute Bursary	654
Queen Elizabeth Hospital Scholarship	678
R.C.A.F. Benevolent Fund	625
R.C.E. Memorial Scholarships	644

	Page
Reading Society of Montreal Prize	652
Reddy Memorial Scholarship	678
Redpath (Jane) Exhibition	626
Reford Scholarship	626
Reid (Helen R. Y.) Scholarship	635
Research Council Scholarships (National)	666
Rhodes Scholarships	670
Robertson (Louis) Prize	639
Rosenfeld (Samuel) Prize	647
Rosenfeld (Samuel) Scholarship	649
Rotary Club of Ottawa Student Loan Fund	624
Rowat (Thomas Alexander) Scholarship	651
Royal Architectural Institute of Canada Medal	645
Royal Commissioners for 1851 Scholarships	669
Royal Society of Canada Fellowships	671
Royal Victoria College Entrance Scholarships	613, 633
Royal Victoria College Resident Bursaries	634
Royal Victoria Hospital Scholarships	678
Rutherford (J. M.) Memorial Prize	623
Savory Bursary	649
Scott (Barbara) Scholarship	626
Scott Exhibition	639
Second Year Scholarships in Arts and Science	626
Sensenbrenner (Frank J.) Fellowship	659
Shakespeare Gold Medal	630
Shakespeare Scholarship	629
Sharp (F. W.) Prize in Commerce	637
Shell Oil Fellowship	660
Smith (Angus McCoy) Scholarship	629
Smith (Bruce) Bursary Fund	649
Smith (Frederick) Memorial Scholarship	648
Smith (Seba Abbott) Memorial Scholarship	613
Snyder (Charles William) Memorial Scholarships	629
Society of Chemical Industry Prize	641
Solvay Fellowship	661
Southam Loan Fund	679

	Page
Stewart (Alexander D.) Prize	647
Stewart (Neil) Prize	624
Stewart (Walter M.) Scholarships in Agriculture	661
St. Francis District Graduates' Society Bursary	615
Strathcona Prizes for Physical Education	680
Sutherland Gold Medal	647
Swiss Exchange Scholarships	671
Switzerland, Prizes of Minister in Canada	632
Sylvania Fellowship	657
Tagge (Arthur C.) Fellowship	663
Temple Emanu-el Sisterhood Bursary	622
Third Year Scholarships in Arts and Science	628
Thomas (Emma) Scholarship	678
Thompson (Professor R. R.) Memorial Prize	637
Tighe (James) Prize	645
Torrance (Elizabeth) Gold Medal	652
Trafalgar (Grace Fairley) Scholarship	616
Turnbull Elevator Company Limited Prizes	639
Turner (P. J.) Prize	639
Undergraduate Society Prizes in Engineering	640
University Bursaries	608
University Entrance Scholarships	609
University Fellowships	663
University Scholars	605, 606
University Scholarships	607
University Loan Fund	608
University Lodge Loan Fund	624
Vaughan (Susan Cameron) Scholarship	635
Verdun Women's Club Bursary	617
Verdun Women's Club Harriet Morris Memorial Bursary	656
Victor (Jeannette) Memorial Scholarship	665
Victorian Order of Nurses' Scholarship	678
Visking Limited Fellowship	661
Waddell Loan Fund	646
Waterhouse (Edwin) Scholarship	636
Watt (Mrs. Alfred) Memorial Scholarship	655

PAGE

Wein (Morris) Bursary 622
Westmount Women's Club Scholarship 615
Wicksteed Medals for Physical Education 680
Willey (Constance) Prize 653
Williams (Dr. J. Francis) Scholarship 668
Wilson (Morris W.) Memorial Scholarships 611
Wilson (Morris W.) Memorial Scholarships, Holders of 606
Wilson (Woodrow) Fellowships 667
Wolvin (Roy M.) Scholarships 627, 641
Women Associates of McGill Bursary 621
Wood Gold Medal 646
Workman Studentship 638
Y.M.C.A. Memorial Scholarship Fund 620
Zoology, Prizes in 632

McGill University

Montreal

Faculty of Arts and Science

1953-1954

McGill University

Montreal

Faculty of Arts and Science

1953-1954

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of of certain institutions.)

INDEX

	PAGE
Administrative Officers	1007
Admission Requirements	1011
Admission to Upper Years	1011
Advanced Courses	1018
Age of Admission	1010
Anatomy	1037
Ancient History	1055
Anthropology	1154
Application Forms	1010
Art	1080
B.A., Courses for General Degree	1015
B.A., Courses for Honours Degree	1024
B.Sc., Courses for General Degree	1020
B.Sc., Courses for Honours Degree	1025
B.F.A., Courses for General Degree	1027
Bacteriology	1038
Biochemistry	1040
Biological Sciences, General, Honours B.Sc. in	1026
Board and Residence, Fees	1033
Botany	1042
Chemistry	1045
Classes of Student	1014
Classics	1052
Committees	1008
Common First Year	1014
Continuation Subjects	1018
Courses of Lectures in Arts and Science	1037
Distinction in General Course	1019
Economics	1056
Education	1066
English	1071
Entrance Requirements	1011
Faculty of Arts and Science	1011
Faculties and Schools	1028
Fees	1031
Fine Arts	1080

INDEX—*Continued*

	PAGE
French	1140
French Summer School	1030
General Courses for B.A. Degree	1015
General Courses for B.Sc. Degree	1020
Genetics	1083
Geography	1085
Geography Summer School	1031
Geological Sciences	1090
German	1095
Greek	1052
High School Diploma	1068
Histology	1037
History	1099
History, Ancient	1055
Honours Course Regulations	1023
Honours Courses for B.A. Degree	1024
Honours Courses for B.Sc. Degree	1025
Honours B.Sc. in Biological Sciences, General	1026
Italian	1146
Latin	1053
Limited Undergraduates	1014
Linguistics	1055
Mathematics	1104
Mineralogy	1090
Music	1114
Partial Students	1014
Period of Study for a Degree	1013
Philosophy	1117
Physics	1122
Physiology	1133
Political Science	1062
Professional Faculties	1028
Psychology	1135
Registration	1012
Regulations of the Protestant Committee	1070

INDEX—*Continued*

	PAGE
Religion	1139
Requirements for Admission to Professional Courses	1028
Romance Languages	1140
Sociology	1150
Spanish	1147
Standing Committees	1008
Summer School in French	1030
Summer Schools, 1953	1030
Training of Teachers	1068
Undergraduates	1011
Women Students	1010
Zoology	1156

Faculty of Arts and Science

ADMINISTRATIVE OFFICERS

THE UNIVERSITY

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. — *Bursar and Secretary of the Board of Governors*

T. H. Matthews, M.A., LL.D. — *Registrar*

F. S. Howes, B.Eng., M.Sc., Ph.D. — *Chairman of University Extension*

Muriel V. Roscoe, M.A., Ph.D., D.Sc. — *Warden of the Royal Victoria College*

Richard Pennington, B.A., Lib.Dip. — *Librarian*

G. A. Grimson, B.Com. — *Chief Accountant*

E. C. Knowles, B.D., M.A. — *University Chaplain and Student Counsellor*

W. Stanford Reid, M.A., Th.M., Ph.D. — *Warden of Douglas Hall*

FACULTY OF ARTS AND SCIENCE

H. N. Fieldhouse, B.A. (Oxon.), M.A. (Sheffield), F.R.S.C. — *Dean of the Faculty*

C. D. Solin, Ph.D. (Tor.), M.A. — *Assistant Dean*

H. G. Files, M.A., Ph.D. (Harvard) — *Chairman, Humanities Group*

John Stanley, B.A. (U.B.C.), M.A., Ph.D. (Minnesota) — *Chairman, Biological Sciences Group*

W. H. Hatcher, M.Sc., Ph.D., F.C.I.C., F.R.S.C. — *Chairman, Physical Sciences Group*

B. S. Keirstead, B.A. (U.N.B. and Oxon.), LL.D. (U.N.B.), F.R.S.C. — *Chairman, Social Studies and Commerce Group*

H. D. Woods, B.A. (U.N.B.), M.A. — *Director of the School of Commerce*

COUNCIL

The Dean, the Principal, and the four Group Chairmen form the Council of the Faculty.

STANDING COMMITTEES OF THE FACULTY OF ARTS AND SCIENCE

SESSION 1953-54

B.A. ADVISORY COMMITTEE

Herbert Tate, *Chairman*
The Dean
E. F. Beach
C. H. Carruthers
J. I. Cooper
G. I. Duthie
W. L. Graff
Oswald Hall
F. K. Hare
D. O. Hebb
John Hughes
J. E. L. Launay
John Lyman
R. D. Maclennan
The Assistant Dean

B.Com. ADVISORY COMMITTEE

H. D. Woods, *Chairman*
The Dean
E. F. Beach
K. F. Byrd
Herbert Tate
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The Assistant Dean

B.Sc. ADVISORY COMMITTEE

T. H. Clark, *Chairman*
The Dean
J. S. Foster
Muriel V. Roscoe
John Stanley
D. L. Thomson
P. R. Wallace
C. A. Winkler
The Assistant Dean

The B.A., B.Sc., and B.Com. Advisory Committees also act together as a General Advisory Committee.

M.S.W. ADVISORY COMMITTEE

J. J. O. Moore, *Chairman*
The Dean
Oswald Hall
D. O. Hebb
John Hughes
Roger Marier
M. V. Roscoe
D. L. Thomson
The Assistant Dean

B.L.S. ADVISORY COMMITTEE

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Richard Pennington
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SCHOLARSHIPS COMMITTEE

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THE DEAN
J. I. COOPER
CECIL CURRIE
G. I. DUTHIE
OSWALD HALL
J. E. L. LAUNAY
J. R. MALLORY
MURIEL V. ROSCOE
JOHN STANLEY
G. A. WOONTON
THE ASSISTANT DEAN

TIME TABLE COMMITTEE

HERBERT TATE, *Chairman*
C. H. CARRUTHERS
CECIL CURRIE
A. S. ROSS
THE ASSISTANT DEAN

COMMITTEE ON ADMISSIONS AND STANDING

D. L. THOMSON, *Chairman*
THE DEAN
R. D. GIBBS
R. V. V. NICHOLLS
E. R. POUNDER
W. S. REID
MURIEL V. ROSCOE
W. B. ROSS
KATHLEEN G. TERROUX
H. D. WOODS
THE ASSISTANT DEAN

A complete list of the teaching staff of the University, including the Faculty of Arts and Science, is printed as a separate Announcement which may be obtained from the Registrar's Office.

The Faculty of Arts and Science

(McGILL COLLEGE)

GENERAL INFORMATION

The undergraduate work of the University in Arts, in Pure Science, and in Commerce is done in McGill College, usually called the Faculty of Arts and Science. The Dean of McGill College is the Dean of the Faculty of Arts and Science.

The work of the students who are candidates for the degree of Bachelor of Commerce is supervised by the Director of the School of Commerce which is an integral part of the Faculty. *The School of Commerce has a separate Announcement.*

APPLICATION FOR ADMISSION

All applications to enter the Faculty of Arts and Science must be made on forms which may be obtained from the Registrar's office. Each applicant from a High School should see that a confidential report is sent from his Principal to the Registrar, since such a report is necessary for the consideration of the application. Completed applications must reach the Registrar before August 31st, but it is advantageous for students to submit formal applications in the Spring months, supplementing them, if necessary, with the required certificates as soon as these become available.

Each accepted candidate will receive a formal acceptance into a definite course and year and this must be kept for presentation at registration.

The number of admissions is limited and the College is not bound to accept applicants who have passed the required examinations.

MINIMUM AGE

Except in special circumstances, no student under the age of sixteen is admitted to the First year, or under the age of seventeen to the Second year.

WOMEN STUDENTS

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men.

Women students whose homes are outside Montreal must make application, before May 31st, to the Warden of the Royal Victoria College for residence. At the same time, they must submit their academic applications (even if these are incomplete). Forms for these purposes are obtainable from the College or from the Registrar's Office.

Those women students in the Faculty who do not reside with their parents or guardians in Montreal and who wish to live outside the University residences are required to submit their plans for residence in writing to the Warden and to obtain written approval. Students in this category who are entering the University for the first time must in all cases fill out residential application blanks at the time the academic application is submitted.

ENTRANCE REQUIREMENTS (For the Session 1953-54)

See General Announcement for details.

Students may be admitted into the Faculty as regular undergraduates after obtaining the necessary standing in the required papers of the McGill Junior or Senior School Certificate examination, or their recognized equivalents. Full details concerning these examinations are given in the School Certificate Examinations Announcement, which may be obtained from the Registrar's office. *A student with incomplete matriculation qualifications is not admitted as a regular undergraduate.*

FIRST YEAR

A student may apply for admission to the First year of the B.A., B.Sc., or B.Com. course, after obtaining the necessary standing in the appropriate subjects of the School Certificate Examination or in one of the examinations recognized by the University as the equivalent.

SECOND YEAR

A student may apply for admission to the Second year of these courses after obtaining the necessary standing in the appropriate papers of the School Certificate *and* Senior School Certificate Examinations or their recognized equivalents. Only in exceptional circumstances is a student who has not written and passed the School Certificate Examinations or their equivalent admitted by Senior School Certificate. At least a good second class standing in Senior School Certificate Examinations or their equivalent is required for entrance to the Second year.

A student who has been admitted to the First year and who has failed to advance to the Second year is not permitted to obtain advanced standing by writing Senior School Certificate Examinations, but, provided that he has not been excluded from further study for academic or other reasons, he is required to take the regular supplemental examinations of the First year if he desires to proceed in his course.

Students who are admitted to the B.A. course without having satisfied the requirement of the classical language must include a classical language in their programme for two years. All applications for exemption from the classics requirement must be submitted in writing to the Dean prior to registration.

Candidates for admission to the University in the Second year of the B.A. course may offer, in place of Senior Matriculation Mathematics, another subject in which they have shown marked proficiency and which is in accordance with the trend of the studies which they are preparing to pursue. In general, however, students are advised to offer Mathematics. It is a prerequisite to all advanced courses in the Science division and must be taken if either Physics or Chemistry is included in the Senior Matriculation programme. It is also a required subject for students who intend to take courses in the Social Sciences, excluding History and Political Science. For this reason, unless a student intends to take honours in one of the Humanities (English, Languages, Philosophy) or in Political Science or History, Mathematics is obligatory. In any case, no student will be permitted to offer another subject in place of Mathematics unless he or she has passed the Elementary Mathematics of the Junior School Certificate, or its equivalent, and has achieved at least 75% in the Junior School Certificate examinations in History, or a Modern Language, or Classics. Only a subject in which this 75% is obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, candidates are expected to choose History as their substitute.

Students may be admitted to the Second year in the B.A. course with School Certificate German or Greek or Spanish as one of the five subjects required if they have not previously taken that subject for the School Certificate.

Full details of these examinations are given in the School Certificate Accouncement which may be obtained from the Registrar's Office.

THIRD YEAR

A student may apply to enter the Third year by submitting application forms as for First and Second years together with the necessary certificates of attainment.

REGISTRATION

All First year students in the Faculty of Arts and Science will register on Monday, September 21st, in the Sir Arthur Currie Memorial Gymnasium.

Students in the Second, Third, and Fourth years will register on Monday, September 28th, and on Tuesday, September 29th, in the Gymnasium.

The Freshman Welcome meeting will take place on Tuesday, September 22nd.

After October 1st a special late registration fee must be paid (see page 1034).

No student will be admitted after October 10th except by special permission of the Dean.

At the time of registration, women students in the Faculty will be required to fill out special forms for the Royal Victoria College, of which they are automatically members (see pages 307 to 309 of the General Information booklet enclosed with this Announcement).

Each regular undergraduate must be registered for the courses and year for which he has been accepted. Limited undergraduates and Partial students must obtain approval of their courses from the Admitting Officers before proceeding to register.

No undergraduate may attend classes in any course for which he is not registered. Students who withdraw during the session must cancel their registration on the official form provided at the Registrar's office.

DEGREES IN THE FACULTY

Bachelor of Arts (*B.A.*),
Bachelor of Science (*B.Sc.*),
Bachelor of Commerce (*B.Com.*).

In the case of each of these degrees, the Faculty offers both a General Degree and an Honours Degree.

The Library School and the School of Social Work are integral parts of the Faculty which, therefore, recommends, to Senate, candidates for the degrees of *Bachelor of Library Science* and *Master of Social Work.*

PERIOD OF STUDY FOR A DEGREE

The bachelor's degree may be obtained only by students who have regularly attended the prescribed courses for at least four years after being admitted into the First year, or for at least three years after being admitted into the Second year. Students are admitted into the Third year only in exceptional circumstances and at least two full years of resident study in the Faculty are ordinarily required before the bachelor's degree can be granted.

CLASSES OF STUDENT IN THE FACULTY

(1) *Regular Undergraduates* are students who have complete matriculation qualifications and who are taking the regular work of their year towards the B.A., B.Sc., or B.Com. degree.

(2) *Limited Undergraduates* are students who have complete matriculation qualifications but who find themselves unable, because of ill-health or other circumstances, to complete their degree work in the required four years. Such students may, with the Dean's permission, extend their course beyond the required period but must complete it within eight years.

Limited Undergraduates are not eligible for scholarships, medals, bursaries, or prizes of any description and may not read for an Honours degree.

(3) *Partial Students* are students who are not registered as proceeding to a degree but who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the lecturer in the course concerned that they have sufficient ability to do the work in the course. Application may be refused because of limitation of space in lecture rooms and laboratories. A student who has tried, and failed to pass, matriculation is not allowed to register as a partial student except in special circumstances.

If a partial student hopes to secure credit for a course, he or she must fulfil all the requirements of classroom work and tests which are prescribed for that course for regular students.

A partial student who has successfully passed the courses of a previous year is not necessarily accepted at a later session.

Subject to the above limitations, lectures are open to partial students in both honours and general classes. Such a student may request the Registrar to issue a certificate stating that he has followed certain courses and showing his class standing in each. Work taken by a partial student cannot, however, be counted towards a McGill degree without a special vote of Faculty.

Partial students are not eligible for scholarships, bursaries, medals, or prizes.

COMMON FIRST YEAR

A student who is qualified by matriculation to proceed to the B.A. or B.Sc. degree and who does not know, at the beginning of his First year, which degree he desires to obtain, may qualify to enter the Second year leading to either of these degrees by taking in his First year—English,

Mathematics, a Classical Language, Physics, and Chemistry. This is known as the *Common First Year* and the student pays the fee required for the First year B.Sc. course.

ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

The attention of students is called to a pamphlet entitled *Regulations Governing Attendance, Examinations, and Advancement* issued by the Faculty of Arts and Science. Copies are distributed at the time of registration. Extra copies may be obtained through the Dean's Office.

PHYSICAL EDUCATION REQUIREMENT

Students must register for two hours of physical education activities per week during their Freshman year. All candidates for a degree must satisfy this requirement.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF ARTS

Every candidate for the B.A. degree must meet certain requirements, whether he is proceeding towards an Honours or a General degree.

NUMBER OF COURSES

In each of the First and Second years, five courses must be taken, that is, normally fifteen hours of class work per week; and in the Third and Fourth years, respectively, four courses, making twelve hours per week. The third hour each week in each individual course may be devoted to group conferences.

THE FIRST YEAR OF THE B.A. COURSE

(FOR BOTH GENERAL AND HONOURS DEGREES)

(a) Compulsory Courses:

English 100
Latin *or* Greek
Mathematics

(b) Elective:

Two of the following:

Economics 100
Drawing and Painting
French
German

Greek *or* Latin (if not already taken)
Italian
History
Music
Science (Botany 11a *and* Zoology 11b, or Zoology 11a *and* Botany 11b, or Chemistry 60, or Geography 12, or Physics 11, or Physics 12, or Geology 121)
Spanish

Details of the work in each subject are given on pages 1037 to 1161.

Students who wish to qualify for the High School Diploma of the Province of Quebec have to fulfil certain additional requirements in both the First and Second years. See page 1068.

SELECTION OF COURSES

The student is normally free to elect *two* courses in the First year which, together with the three compulsory courses, complete the total of five required for that year. In choosing his courses, however, the student is advised by those who are registering him to give careful consideration to his selection. These points must be remembered:

CLASSICS REQUIREMENT

In special circumstances, a student may be given permission to substitute another subject for Classics in the First year. Application for such permission must be made to the Dean prior to registration.

MATHEMATICS REQUIREMENT

A student may be allowed to replace Mathematics by a First year course in a subject in which he has shown marked proficiency and which is in accordance with the trend of the studies that he is preparing to pursue. In general, however, students are advised to take Mathematics during the First year. It is a prerequisite to all advanced courses in the Science Division and must be taken concurrently with First year courses in Physics and Chemistry. It is also a required subject for students who intend to take courses in Social Sciences, excluding History and Political Science. For this reason, unless a student intends to take honours in one of the Humanities (English, Languages, Philosophy) or in Political Science or History, the First year course in Mathematics is obligatory. In any case, no student will be exempted from the First year course in Mathematics unless he or she has passed the Elementary Mathematics of the Junior School Certificate or its equivalent, and has achieved at least 75% in the Junior School Certificate examinations, or their equivalent, in History or a Modern Language or Classics. Only a subject in which this 75% has been obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, students are expected to chose History as the substitute.

MODERN FOREIGN LANGUAGE REQUIREMENT

All candidates for the degree must take a course in a modern foreign language, which may be taken in any year. Where a student chooses to begin the study of a language in order to meet either the classics or the modern language requirement, he must take and pass a further course subsequent to the elementary one to satisfy this language requirement. This rule applies, for example, to a student who begins the study of Greek, Latin, German, Spanish, or Italian (there is no beginning course in French); in every case the elementary course alone will not satisfy the requirement for the B.A. degree. On the other hand, a beginning course is given full credit when it is taken as a simple elective which is not to be counted towards satisfying the language requirement, except that, in the Fourth year, such an elementary course is treated as only a half-course.

While it is possible to meet this requirement in any year, it is preferable that a student should meet it not later than the Second year, because a student who subsequently elects to take an Honours course in some subject other than a foreign language may find it difficult to take this compulsory language course in the Third or Fourth year when he is likely to be fully occupied with his Honours studies.

A student who has successfully completed his First year but who has not taken French, may obtain credit for First Year French by taking the prescribed course at the French Summer School immediately following the completion of his First year. Students who obtain this credit may be permitted to take four, instead of five, courses in their Second year.

A student who has successfully completed his First year, including French, may obtain credit for Second Year French by taking the prescribed course at the French Summer School immediately following the completion of his First year. Students who obtain this credit may be permitted to take four, instead of five, courses in their Second year.

It should be noted, however, that a student who has not taken five subjects in the regular session of his First or Second year will not be eligible for the Faculty Scholarships or for the Macdonald Scholarships.

SCIENCE REQUIREMENT

For the General B.A. degree, there is the further requirement of one course in a science subject, which may be taken in any year. The combinations of the two half courses Botany 11a plus Zoology 11b, or Zoology 11a plus Botany 11b, are acceptable as fulfilling this requirement, but it should be noted that both Zoology 11a and 11b are prerequisite to some courses in Zoology.

A student proceeding to an Honours degree is not required to take a course in Science.

ENGLISH COMPOSITION REQUIREMENT

Every candidate for a degree in this Faculty must satisfy the Department of English (which, in this matter, acts as the agent of Faculty) that he is competent in English composition. In addition to the other requirements for the degree, therefore, all students, in their First year in the Faculty, must register in English 100C. When a student has succeeded in demonstrating his competence in this course, he will be dispensed from further attendance at it.

NOTE

If a student intends to take an Honours course, he must be careful to select the course in the First year which is the prerequisite for such Honours study in the Second year. A student who intends to study a subject for Honours or Continuation is warned to look up the requirements of the appropriate departments, given on pages 1037 to 1161.

A student who hopes to enter either the Faculty of Medicine or that of Dentistry upon the completion of his Third year, must take both Mathematics and Physics in his First year.

ADVANCED COURSES IN THE FIRST YEAR

Some departments which give instruction in the First year offer special lectures or work of a more advanced character to students with adequate qualifications.

These advanced courses are generally arranged by the departments when lectures actually commence, but any student who enrols in an advanced section *must* see that his registration, as recorded in the Assistant Dean's office, shows that he is taking advanced work.

Students of scholarship standing entering the First year may, with the approval of the Dean, take Second year courses in subjects for which they are especially qualified.

THE GENERAL B.A. CURRICULUM IN SECOND, THIRD, AND FOURTH YEARS

At the beginning of the Second year, a student proceeding to a General B.A. degree must choose two subjects from those listed below in Division I. These two subjects are designated *Continuation Subjects* and are to be studied during the Second, Third, and Fourth years. A full course (or two half-courses) must be taken *each* year in each of the Continuation Subjects. The additional courses necessary to make the total of five for Second year, and four for each of the Third and Fourth years, may be chosen from any of the subjects shown in either Division I or Division II below. In choosing his elective courses, the student may seek the advice of one of the departments in which he chooses a continuation course.

A student may select only those courses for which he has the prerequisites laid down by the department in which such courses are given, and he is responsible for seeing that the courses chosen do not conflict with each other as regards hours of lectures or laboratory periods.

When the student's record during his Second, Third, and Fourth years of the General Course averages a high second class standing, a special award of *Distinction* is made at graduation. When the record averages first class standing, the award made is *Great Distinction.*

Division I (Continuation)

Economics
English
French
Geography
German
Greek
History
Latin
Mathematics
Painting and Drawing
Philosophy
Physics (when taken as a Continuation Subject with Mathematics)
Political Science
Psychology
Sociology
Spanish

Division II (Elective)

Ancient History
Bacteriology
Biochemistry
Botany
Chemistry
Education
History of Art
Genetics
Geography
Geology
Italian
Linguistics
Music
Physics
Physiology
Religion
Zoology

A course intended primarily for First year students may be counted as a full course in the Second year.

Students who are pursuing a double course in Arts and Science and Divinity (six years at least) may, in the Third and Fourth years, take the courses which constitute the ordinary curriculum in Arts and Science, less a half course each year or a whole course in one year.

Honours lecture courses are open to properly qualified general students.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF SCIENCE

An undergraduate may proceed to either a General or an Honours B.Sc. degree. As the distinction between these is not made until the Second year (or, in some cases, the Third year), there is a common curriculum to be followed by all First year students.

THE FIRST YEAR OF THE B.Sc. COURSE
(FOR BOTH GENERAL AND HONOURS DEGREES)

(a) Compulsory Courses:

English 100
Mathematics 11
Physics 11
Chemistry 11

(b) Elective:

Botany 11a *and* Zoology 11b
or one of the following, if the time-table permits:—
Economics 100
French
Geography 12
Geology 121
German 3
Greek
History
Italian
Latin
Music
Spanish
Zoology 11a *and* Botany 11b

In special cases, and subject to timetable arrangement, a qualified student may be granted permission to take either Botany 11, or Zoology 11, as the Elective Course. Students intending to take continuation courses in Zoology should take Zoology 11a and 11b in the First year, taking a half course in Botany later. Students who intend to take Honours in Zoology are advised to choose Zoology 11b. Students who intend to take the general Honours in Biological Science must elect Botany 11a and Zoology 11b. Zoology students will then take a half course in Botany in their First year of Honours, and Honours Botany students will subsequently take sufficient Zoology. More advanced courses are available also in Chemistry, Mathematics, and Physics for those specially qualified or contemplating Honours.

ENGLISH COMPOSITION REQUIREMENT

Every candidate for a degree in this Faculty must satisfy the Department of English (which, in this matter, acts as the agent of Faculty) that he is competent in English composition. In addition to the other requirements for the degree, therefore, all students, in their First year in the Faculty, must register in English 100C. When a student has succeeded in demonstrating his competence in this course, he will be dispensed from further attendance at it.

THE GENERAL B.Sc. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

In each of these years, five courses are required; these courses must be spread over at least four subjects, and must be selected from the groups given below. The student is also required to pursue a continued study of two subjects during the major part of his last three years for the General degree. The normal sequence of courses in any subject chosen for continuation is shown in Group I below. Since courses in Bacteriology, Biochemistry, and Physiology are usually begun in the Third year, a student is not obliged to choose these subjects for continued study until the beginning of his Third year; in other cases, he will commence his continuation subjects at the beginning of his Second year. In any year, a specially qualified student may be allowed, upon the recommendation of the department concerned, to substitute a more advanced course for any of those listed.

SECOND YEAR REQUIREMENTS

Three Science subjects from Group I; one Arts course from Group III; and one course from Group I or II or III.

THIRD YEAR REQUIREMENTS

Two Science subjects from Group I; one course from Group I or II; one Arts course from Group III, and one course from Group I or II or III.

FOURTH YEAR REQUIREMENTS

The same as for Third year, the two subjects previously chosen from Group I being continued throughout this year. It is permissible, however, to drop one of these continuation subjects in the Fourth year provided that two courses be taken in the remaining continuation subject; in this case the student's courses may be spread over three instead of four subjects.

GROUP I (Continuation Subjects)

SUBJECT	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Biochemistry	See below	31	43 or 44
Botany	11 or 21 or 22b and 23a	21 to 42	21 to 42
Chemistry	22 or 24	24 or 22	23, 27, 32
Genetics	21	32a, 32b, 36 and 45b	43b, 44, 45a, 47a, 47b and 53

Geography	12 or 22; 21	31, 22 or 32; 34-39	42; 44, 46
Geology	121 or 221	231-442	231-442
Mathematics	224	337a,b	336a,b, 223, 339
Physics	22 or 21	23, (24b, 25)	(32, 35a), (43a, 44b), (35a, 47a), (35a, 44b)
Psychology	21, 22a and 22b	33a, 34a, 34b	41b, 42, 43b, 45a, 45b
Zoology	11, 21, 22, 24, (25, 25L)	21, 22, 24, (25, 25L), 31, 32, 33, (23a plus 37)	21, 22, 24, (25, 25L), 31, 32, 33, 35, (23a plus 37)

If Biochemistry is to be taken as a continuation subject in the Third year, Chemistry 22 and Physiology 22 must be taken in the Second year.

A student who has not completed Botany 11 or Zoology 11 must obtain permission from the department concerned before proceeding to more advanced courses in these subjects.

Students who select Physics as a continuation subject must also select the following Mathematics courses: 224 or 225 in Second year; 337a and 337b in Third year; or 337a in Third year and 337b in Fourth year.

GROUP II (Non-continuation subjects)

SUBJECT	COURSES
Bacteriology	4
Biochemistry	31, 44
Botany	11 to 41
Chemistry	22, 23, 27, 24, 32
Geography	12 to 46
Geology	121 to 442
Genetics	21a to 47a or b
Histology	Anatomy 1a
Mathematics	223a to 228b, 336, 337a, 337b, 338b, 339, 343a, 343b
Physics	21, 22, 23, 24b, 25, 32, 35a, 43, 44b
Physiology	21 or 22, 31, 41, 41L
Zoology	11, 21, 22, 24 (25 plus 25L) (23a plus 37), 32, 35

GROUP III (Arts subjects)

Economics	Latin
Education	Music
English	Philosophy
French	Political Science
Geography	Psychology
German	Religion
Greek	Sociology
History	Spanish
Italian	

B.Sc. students who select Geography or Psychology as a Continuation Subject may not select the same subject from Group III.

In selecting advanced courses, students should consult the departments concerned.

Details of the courses are given on pages 1037 to 1161.

GENERAL REGULATIONS GOVERNING THE HONOURS DEGREE

The conditions for entering Honours courses in Second year are as follows:

(*a*) The sanction of the Dean and of the departments in which Honours are elected must be obtained.

(*b*) No student may take Honours in a subject in which he has failed to attain at least second class standing in his First year.

Honours students who fail to attain second class honours standing at the end of the Second or Third year must revert to the General course in their next and following year or years and fulfil its requirements unless they obtain special leave to continue their honours work from the department or departments interested.

An Honours student who has failed in any subject in the Third year examinations is not allowed to continue his Honours course except with the consent of Faculty.

A student's whole record during his Second, Third, and Fourth years will be considered in awarding Honours at graduation.

Students in Honours courses who fail to attain second class honours at graduation, or who succeed in attaining second rank honours only in one of two combined courses, must revert to the list of General students and if they are unable to satisfy the requirements of the General degree they will not be granted a degree.

Honours are awarded by Faculty on the recommendation of the department or departments in which Honours are elected.

THE HONOURS B.A. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

Honours Courses Offered for the B.A. Degree

Classics
Economics and Political Science
English
Fine Arts
French
Geography
German
Greek
History
Latin
Mathematics
Mathematics and Physics
Philosophy
Psychology
Sociology

and combinations of the above.

At the beginning of the Second year, a student proceeding to an Honours B.A. degree may elect to take full honours in one subject or half honours in each of two cognate subjects; these subjects must be chosen from the list given in the preceding paragraph. Information as to courses to be taken can be found at the end of the descriptive material listed by the appropriate department on pages 1037 to 1161.

Normally, when a student takes honours in two subjects, his certificate on graduation will indicate that the work done in each of these two departments amounts to only half a full Honours course in that department: e.g. First Class Honours in English (one-half) and History (one-half), or First Class Honours in English (one-half) and Second Class Honours in History (one-half). But in the departments of Classics and of Economics and Political Science, each of which is divided into two sections — Classics into Latin and Greek, and Economics and Political Science into Economics and Political Science—honours in each of these sections is equivalent to half-honours in another department and can be so combined; therefore the certificate on graduation will indicate only the appropriate honours: e.g. First Class Honours in Greek and Second Class Honours in Latin, or First Class Honours in Economics and Second Class Honours in History (one-half).

A Second Year General student who shows exceptional merit in any subject in his Second Year examinations may, if he so wishes, and if the department is satisfied that his knowledge of the subject is sufficient to enable him to reach the standard of Honours by two more years' study, be allowed to take up the Honours course in that subject at the beginning of his Third year.

Honours courses in the Second year consist of 15 hours per week, and, in each of the remaining two years, 12 hours, covering lectures, conferences, and tutorial classes. The work also involves wide reading and, in addition to the actual subjects of lectures, study in the general subject

selected, in accordance with a definitely prescribed programme. Attention is drawn to the fact that lectures are not given on all parts of the work, and that the examinations for Honours are not necessarily conducted exclusively by the persons who have given the courses.

In the Second year, a student registering for Honours in one subject only, fulfils the requirement of fifteen hours by taking a minimum of two courses or six hours in his Honours subject, and, in addition, such other courses in other departments (bringing the total to fifteen hours) as the department under which he is studying may direct. A student registering for combined Honours in two subjects fulfils the requirement of fifteen hours by taking two full courses in each Honours subject, or twelve hours altogether, and, in addition, one other course (making a total of fifteen hours), such as the two departments under which he is studying may direct. In regard to Honours courses for the Third and Fourth years, the student should consult the regulations of the individual departments under which he is working.

Departments are at full liberty to recommend their Honours students to take one or more courses in cognate subjects as the equivalent of courses in their own departments.

The attention of students interested in the nature, origin, and history of languages is directed to the courses found on pages 1024, 1055, 1098.

THE HONOURS B.Sc. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

Honours courses begin normally in the Second year and are offered in the subjects listed below. Information as to courses to be taken can be found at the end of the descriptive material listed by the appropriate department on pages 1037 to 1161.

Attention is drawn to the fact that lectures are not given on all parts of the work. The examinations for Honours are not necessarily conducted exclusively by the persons who have given the courses.

HONOURS COURSES OFFERED FOR THE B.Sc. DEGREE

Bacteriology and Immunology
Biochemistry
Botany
Chemistry
General Honours in
Biological Sciences
Geography
Geological Sciences
Mathematics
Mathematics and Physics
Physiology
Psychology
Zoology

GENERAL HONOURS IN BIOLOGICAL SCIENCES

As indicated above, students may proceed to an Honours Degree in some one of the various Biological Sciences. Alternatively, they may proceed to an Honours Degree in *General Honours in Biological Sciences* (as described below), postponing specialization in a particular Science (including Genetics), until postgraduate years. This General Honours course provides a balanced study of the Plant and Animal Kingdoms, with a suitable admixture of Genetics, and is a basic training in plant and animal studies. It is of value to pre-teacher, pre-dental, and pre-medical students, and for those who have an interest in the Biological Sciences, but who do not wish for the marked specialization of an Honours Degree in a single Science.

Students who obtain a high second class average in this course are eligible for admission (with approval) to the Faculty of Graduate Studies and Research, but they may have to spend additional time in fortifying their knowledge of a particular field.

Students enrolled in the old *Honours in Functional Biology* and in the *General Honours in Biological Sciences* of the session 1949-50, may continue according to the curriculum shown in the Arts and Science Announcement of that year, or, if they wish, and the transfer is feasible, they may change to the new course. Students who do so transfer may not later revert.

The Honours Curriculum in a particular Biological Science may be found under the appropriate Departmental section.

CURRICULUM OF GENERAL HONOURS IN BIOLOGICAL SCIENCES

Note: Students are reminded that courses chosen in any one year may affect the taking of other courses in subsequent years. *It is essential for this course that Botany 11a and Zoology 11b should be taken in B.Sc. 1.*

Students must apply for entry to this course to the Chairman of the Biological Sciences Group, and must obtain his approval before they will be permitted to register for this General Honours Course.

Prerequisite	General First Year B.Sc. with the required standing (at least Second Class). Botany 11a and Zoology 11b *must* be taken as the electives.
2nd year	Botany 11b, 21; Chemistry 22; Genetics 21a, 21b; Zoology 11a. 21.
3rd year	Botany 23a, 22b, 31; Physiology 22; Zoology 22a, 22b; plus either Zoology 24 or a free option from the list below.

4th year Bacteriology 4; Biochemistry 31; Genetics 32a, plus Genetics 36 or 45a; plus either Zoology 24 or a free option from the list below; plus a fifth course in the form of another free option.

NOTE: Zoology 24 must be taken in one or the other of B.Sc. 3 or B.Sc. 4 *i.e.*, the free option in place of Zoology 24 may not be taken in both these years.

Free options (to be taken where indicated)—

Botany 32, 33; an English course beyond English 100; a French course; Genetics 44 (or any other course in statistics); Genetics 45a; Geography 12; Geology 121; a German course; Philosophy 3; Physics 21; Psychology 21; Zoology 25 plus 25L; Zoology 33.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF FINE ARTS

Since the end of the academic session of 1950-51, no further applicants have been admitted as candidates for the B.F.A. degree. A complete programme of work in Fine Arts is now given as an integral part of the work for the B.A. degree.

FOURTH YEAR OF THE B.F.A. COURSE

All students are required to take the following courses:

Fine Arts 301 *History of Art*
Fine Arts 499 *Thesis*

A. In addition to the above required courses, students training to be professional artists must take the following:

Fine Arts 461 *Drawing and Painting*
Fine Arts 471 *Design*

B. Students training to be Art Teachers must, in addition, take the following:

In addition to required courses in Psychology and Education, candidates for the specialist certificate, as part of their work in Teaching Methods in Art, will spend a total of 30 days in practice teaching, under expert supervision, divided equally between the elementary and high schools of Montreal and vicinity and the Art Centre of the Montreal Museum of Fine Arts.

Fine Arts 461 *Drawing and Painting*
or
Fine Arts 471 *Design*
Fine Arts 491 *Teaching Methods in Art*
Education 1 *General Principles of Education*

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

Each regular undergraduate in the faculty is required to register for one of the bachelor's degrees offered, and, unless otherwise instructed by the Dean, must follow the regular work of his year towards this degree.

Although there are no specially organized courses for preparing candidates for other faculties, it is possible to include the prerequisites to entrance to these faculties within the framework of the B.A. and B.Sc. curricula. Students intending to enter one of these faculties later should acquaint themselves with the entrance requirements as shown in the individual Announcements.

Students proceeding into the Professional Faculties should note particularly that admission to these Faculties is not automatic: regular application forms must in all cases be submitted in advance of the prescribed dates, accompanied by such other documents as the Faculties may require.

DENTISTRY: At least two years of the B.A. or B.Sc. courses are required for entrance to first year Dentistry. If a student wishes to enter after two such years he must take Physics 11 and Chemistry 11 in his first year in Arts and Science; the other subjects required are Chemistry 22 and Zoology 11a and 11b. (B.A. students should note paragraph 4, page 1018.)

LAW: A minimum of two years in the Faculty of Arts and Science is required for admission into the Faculty of Law. Nevertheless, candidates proceeding to the Bar of the Province of Quebec must be British subjects, hold the degree of B.A. from a Canadian or British University and satisfy the Bar examiners that they have successfully completed "the regular course in Philosophy" in an approved university. Students are advised to take this course in Philosophy before entering the Faculty of Law. The following courses are available: Philosophy 1, 2, 3, and 4 (see page 1117). In addition candidates are expected to have a working knowledge of French.

MEDICINE: The Faculty of Medicine offers the following advice to students proceeding in pre-medical studies at McGill:

1. Absolutely required are courses in Physics, General and Organic Chemistry, and Biology. These requirements can be met by passing Physics 11; Chemistry 11 and 22; and Botany 11a or Zoology 11a followed in either case by Zoology 11b.

2. Other courses chosen for three pre-medical years should be so planned as to give the student more than elementary training in some definite field of knowledge, which may be selected from the Humanities, the Social Sciences, or the Physical or Biological Science. The curriculum for the three years should therefore be planned as a whole, so as to emphasize the selected field. Study in this field should be continued by students who fail to gain admittance to medicine after three years.

3. The curriculum must be in harmony with the requirements of the Faculty of Arts and Science or the B.A. or B.Sc. degree. English 100 and Mathematics will be taken in the First year. Continuation subject requirements must be complied with, and these subjects should be related to and reinforce each other, in the spirit of paragraph 2.

4. Students taking a pre-medical course within the B.A. curriculum are advised to take English, Mathematics, Physics, Latin and an elective course (preferably leading to the field of specialization) in the First year; Chemistry 11 and Biology, the continuation subjects, and a modern language in the Second year; Chemistry 22, two courses in one continuation subject and one in the other, in the Third year.

5. Students entering through the B.Sc. curriculum will ordinarily complete the required courses (paragraph 1) very quickly and can proceed to specialize in the selected field. Those who expect to enter Medicine after three years are advised against taking prematurely the medical subjects such as Physiology, Biochemistry, Bacteriology, and Histology. There is, however, a definite place in Medicine for students who have completed an Honours course or a Master's degree in one of these sciences, or in Chemistry, Physics, etc.

6. Courses which are of value as preparation for medical studies, and of which some may be taken as electives or as extras if the curriculum in the major field permits, include Botany 11a, Zoology 11a, Genetics 21a, Psychology 21, Sociology 21, Genetics 21b, Zoology 21, 24, (25, 25L).

7. The Medical College Admission Test, conducted by the Graduate Record Office, should be taken in the second term of the Second year or the first term of the Third year.

8. B.A. students should also see note on page 1018.

B.A. AND B.Sc. DEGREES FOR STUDENTS IN MEDICINE AND DENTISTRY

Students who have completed with good second class standing three years of the General Course leading to the Arts degree and two years in the Faculty of Medicine or Dentistry will, on application, be recommended by the Faculty of Arts and Science for the B.A. degree, if they have satisfied all the specific requirements of the First, Second, and Third years for the B.A. degree as to subjects, and in each of the Second and Third years taken three courses in Arts subjects so chosen as to fulfil the requirement of continuation study or its equivalent.

Students completing three years in the course leading to either the Arts or the Science degree and two years in Medicine or Dentistry are entitled to apply to the Faculty of Arts and Science for the degree of B.Sc. Students will not, however, be recommended for the B.Sc. degree unless they have satisfied the specific requirements for that degree or their equivalent. Students with high distinction in the first years of the B.Sc. course who maintain that standing in the first two years in Medicine at McGill will be granted the degree with Distinction or Great Distinction.

SUMMER SCHOOL IN FRENCH

The French Summer School is held every year, commencing in the final week of June and lasting six weeks.

Its courses are distributed among three Sections: A, B, and C, one of which, Section A, is below college standard. They deal with the various aspects of language study as well as literature and civilization. Courses in spoken French are divided into small classes for the purpose of intensive oral drill. In this respect the School definitely supplements the instruction given in the Department in the winter session, when such oral practice is only incidental to the subject-matter of the courses offered and is never the primary objective. It should be noted that the First year course given in the French Section of the Department of Romance Languages is not a beginner's course and is conducted, like all others, entirely in French. (The standard qualification for admission into Section A is two years of High School French.)

For this reason, students who find it difficult to understand, speak, or write French are recommended to avail themselves of the special facilities which the School offers in its three sections, and particularly in Sections A and B for a systematic study of the language, oral and written. Section C is specially intended for graduate students or students interested in pursuing higher studies in French.

With the permission of Faculty, courses in Sections B and C may be counted towards the Bachelor's degree in cases where students need to make up the number of courses normally required for the degree. Students in Section C, who attend the School for at least four sessions and satisfy the requirements, can obtain an M.A. in French without having to reside at McGill during any of the winter sessions.

Students receive most benefit from the courses offered by the School if they choose to reside in one of the French Houses, where the use of French at all times is compulsory. Members of the teaching staff live in residence with the students and are constantly in helpful and friendly relationship with them. This informal education through daily association in the Common Room, at meals, and in social activities—which include sports, music, dramatics, and conducted visits through the beauty-spots of the Province of Quebec—is one of the most valued features of the School.

Reduced railway fares from all points in Canada have been arranged.

Applicants should address their inquiries to: The Director, French Summer School, Arts Building, McGill University, Montreal 2.

SUMMER SCHOOL IN GEOGRAPHY

A Summer School in Geography is held every year at Stanstead College, Stanstead, P.Q., commencing in the final week in June and lasting six weeks. A wide variety of courses is offered and the staff of the Department is reinforced by notable Visiting Professors.

Applicants should address their inquiries to The Director, Summer School in Geography, Arts Building, McGill University, Montreal 2.

FEES

The regular and special fees payable by students in the Faculty of Arts and Science, including the School of Commerce, are shown below. The University reserves the right, however, to make changes without notice in its published scale of fees if, in the opinion of the Board of Governors, circumstances so require. Fees are not refundable, except under special conditions as described in the General Information Pamphlet.

TUITION:

REGULAR UNDERGRADUATES

Sessional Fee: Arts	$350.00
Science	375.00
Commerce	375.00
Fine Arts	325.00
Courses repeated or substituted by Conditioned Students, per full course	10.00

LIMITED UNDERGRADUATES AND PARTIAL STUDENTS (Arts, Science, Commerce and Fine Arts)

Each full course	$ 90.00
Each half course	45.00
Courses in Physical Education taken by Partial Students in Arts, per hour, per week	5.00

a) The maximum tuition fee charged to Partial Students will not exceed the full sessional fee payable by Regular Undergraduates.

b) Graduates of this University taking undergraduate lectures for which no academic credit is sought will pay one-half the Partial Students fee, with a maximum of $200.00.

c) Graduates of the Faculty, who are taking undergraduate lectures for which credit is sought, will pay the full Partial Students fee, with a maximum of $200.00.

d) Partial students, who desire the full undergraduate athletic and health service privileges, will pay an additional fee of $22.00.

NOTE:—The fees listed above include all the regular charges of the University for registration, tuition, health service (where applicable), laboratories, libraries, physical education and sports (where applicable) and graduation (except *in absentia*). Special fees and penalties are shown below.

EDUCATION STUDENTS

Students in the Graduate Year taking the High School Diploma Course, sessional fee	$200.00

SUPPLEMENTAL EXAMINATIONS

For students permitted by the Dean to make application to write supplementals, each examination	10.00

INSTALMENT FEE

Fees, if desired, may be paid in two instalments, the first due on the dates shown below, and the second instalment due on the 15th of January following. For this privilege the fee (payable $2.50 with each instalment) is..... 5.00

STUDENTS' SOCIETIES

The University collects, on behalf of the Students' Societies, the following fee from Regular and Limited Undergraduates..... 15.00

The men's fee is distributed as follows: McGill Union $3.50; McGill Daily $1.50; Student's Executive Council $9.00; Undergraduate Society $1.00.

The women's fee is distributed as follows: Women's Union $3.50; McGill Daily $1.50; Student's Executive Council $9.00; Undergraduate Society $1.00.

Partial students taking less than three full courses pay $5.00 for the McGill Daily and use of the McGill Union, while those taking three or more full courses pay the regular Students' Society fees.

ATHLETICS FEE

For full athletic privileges as described in the General Information Pamphlet. Fee payable by Partial Students taking three or more courses, or by those taking less than three courses who desire the full privileges..... 15.00

GROUNDS FEE

For the use of outdoor games facilities including tennis courts and rinks. Fee payable by Partial Students who do not pay for full athletic and health service privileges..... 5.00

HEALTH SERVICE

Fee payable by Partial Students taking three or more courses, who do not pay for full athletic privileges and health service... 7.00

BOARD AND RESIDENCE

DOUGLAS HALL OF RESIDENCE—(for men)

Normal fee for students in Arts, Science and Commerce..... 685.00

Additional periods beyond regular session, per diem..... 3.50

WILSON MEMORIAL HALL—(for men)

Normal fee for students in Arts, Science and Commerce..... 650.00

Additional periods beyond regular session, per diem..... 3.50

ROYAL VICTORIA COLLEGE—(for women)

Sessional fee	685.00
Additional periods beyond regular session, per diem	3.50

Note: A House Fee, as shown below, is collected by the University on behalf of the Resident Student's Society, and is payable with the Board and Residence fees: Douglas Hall $6.00, Wilson Hall $5.00, Royal Victoria College $8.00 plus Key Deposit of $2.00.

ROOM DEPOSIT

A room deposit of $10.00 for Douglas Hall and Wilson Hall, and $25.00 for the Royal Victoria College is required before June 1st each year in order to reserve a room for the next session. Application, accompanied by remittance, should be made to the Warden of the residence concerned. The deposit should be deducted when paying fees.

MISCELLANEOUS FEES:

Graduation *in absentia*	$10.00
Duplicate Diploma	10.00
Certified Copy of Student's Record	1.00
Additional Copies (at same time), each copy	.50
Certificate of Exemption from Matriculation	2.00
Library Fee—for use of the University Library by graduates of this and other Universities, annually	5.00

PENALTIES:

Late Registration—(unless excused by the Dean):	
For registration after the appropriate date	5.00
For registration more than one week after the appropriate date	10.00
Late Medical Examination—(imposed by University Medical Officer)	2.00
Late Payment of Fees:	
For payment of fees after October 5th	2.00
For payment of second instalment of fees after February 1st	2.00

DATES OF PAYMENT:

The University does not issue bills for fees. Each student is required, at the time of registration, to complete a form giving full details of his fees for the session. This form provides a detailed statement to accompany remittances sent in by mail.

Fees are due and payable at the Accounting Office during the hours 9:00 a.m. to 4:00 p.m., Saturday 9:00 a.m. to 12 noon, from Monday, September 21st to Monday, October 5th, inclusive. If desired, fees may be remitted by mail on or before the due dates.

A late fee of $2.00 is charged for payment after the specified dates.

PAYMENT OF FEES BY INSTALMENTS:

Fees may be paid in two instalments, one at the beginning of the session, and one on January 15th. In such cases the Instalment Fee of $5.00 is charged.

1st Instalment:

Divide Tuition, Board and Residence, Student's Societies, and Instalment Fees in half. All other fees and deposits are payable in full with first instalment.

2nd Instalment:

Balance of Tuition, Board and Residence, Students' Societies and Instalment Fees.

Students registering late pay their fees at the time of registration, failing which they become subject to the late payment fee.

As soon as possible after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

REGULATIONS CONCERNING REMISSION OF FEES TO STUDENTS WHO LEAVE THE UNIVERSITY DURING THE COURSE OF THE ACADEMIC YEAR

1. Students withdrawing from the University must cancel their registration at the Registrar's Office.
2. In the case of students who, in spite of the fact that they leave the University before the end of the academic year, receive full credit for the year towards their degree, there shall be no refund of fees.
3. In the case of students who leave during the academic year and do not receive credit beyond the period of their attendance the fees shall be remitted on the following basis:

(a) In those Faculties where the academic year is divided into two terms, half of the annual fees shall be remitted to a student who leaves prior to the beginning of the second term.

(b) In those Faculties where the year is divided into three terms, one-third of the fees shall be returned for each term that begins after the departure of the student.

4. No fees shall be refunded for any term during which the student has attended classes, even though he leaves before the term has finished.

5. Residence fees are payable for the full academic year and shall not be refunded.

6. Students' Activities fees shall not be refunded.

Courses of Lectures in Arts and Science

The following pages show the courses offered in the Faculty arranged according to Departments. These courses are listed by numbers and where a small letter follows a number the term in which the course is given is indicated: e.g., Botany 11a is given in the first term (October to January), Economics 341b in the second term (January to April).

In addition the words "full course," "half course," etc. indicate the course value. The letter L indicates laboratory and S a special course.

Unless otherwise stated, a full course begins in October and ends in April, whereas half courses are given in the term indicated. The number of hours of lectures given each week is shown immediately below the number of the course, and laboratory or conference hours are indicated separately.

An official time table is prepared for the registration periods; any times shown herein are only tentative.

It is the responsibility of each student to make sure at the time of registration that there is no conflict in the time table of the courses which he proposes to follow.

Any course may be cancelled because of insufficient registration.

ANATOMY

Robert Reford Professor	C. P. MARTIN, *Chairman*
Professor	C. P. LEBLOND
Associate Professor	S. M. BANFILL
Assistant Professor	D. S. FORSTER
Lecturers	YVES CLERMONT
	PHOEBE L. COX
	N. J. NADLER
Demonstrators	HOWARD ROOT
	S. S. SMAILL
	E. WALTER WORKMAN

Before registering for the following course, students must consult the Chairman of the Department to ensure that they are qualified to undertake the work.

MICROSCOPIC ANATOMY

1a. HISTOLOGY. (Half course). The course, which corresponds to Anatomy 6 in the medical curriculum, consists of three weekly classes during the first half year. The course begins at the opening of the medical session, in September.

Two lectures and six hours laboratory per week, from approximately September 6th to the end of February.

Text: Bailey, Textbook of Histology *or* Maximow and Bloom, Histology *or* Ham, Histology.

BACTERIOLOGY AND IMMUNOLOGY

Professor	E. G. D. Murray, *Chairman*
Associate Professors	J. W. Stevenson G. G. Kalz
Assistant Professors	C. D. Kelly Anne M. Masson
Lecturers	J. A. deVries D. A. Gillen Dina Gordon Frances H. Prissick Raissa Silov
Demonstrator (Teaching Fellow)	H. A. Whitehead

In addition to its courses in the Faculty of Medicine, the Department offers the following to students in the Faculty of Arts and Science:

3. BACTERIOLOGY AND IMMUNOLOGY (3 full courses) for Honours B.Sc.

October 1st to April 18th (approximately): Three lectures per week and three laboratory periods.

The class is limited in size and priority is given to Honours students in their fourth year. Partial students in the Faculty of Arts and Science and in the Faculty of Graduate Studies are admitted only if they have suitable qualifications and if there are vacancies.

77 lectures and 308 hours practical work with 50 hours discussion periods through the year (3 full courses). Students are required to write a review of the literature on a selected topic. Biochemistry 45 (lectures only) is compulsory. One other course is to be selected by the students.

4. ELEMENTARY BACTERIOLOGY (Full course)

Jan. 10th to April 18th (approximately): Three lectures per week and two laboratory periods.

43 lectures and 81 hours of practical work.

Available also to Graduate Students.

Texts: Zinsser, Textbook of Bacteriology, ed. by Smith and Conant (Appleton-Century-Crofts Inc.); Topley and Wilson, Principles of Bacteriology, revised by Wilson and Miles (Edward Arnold Co.); D. H. Bergey, Manual of Determinative Bacteriology (Williams and Wilkins); E. O. Jordan and W. Burrows, Textbook of Bacteriology (W. B. Saunders

Co.); C. G. Anderson, An Introduction to Bacteriological Chemistry (Macmillan Co. of Canada); Martin Frobisher Jr., Fundamentals of Bacteriology (W. B. Saunders Co.); N. P. Sherwood, Immunology (C. V. Mosby Co.); H. Zinsser, J. F. Enders, and L. D. Fothergill, Immunity Principles and Application in Medicine and Public Health (Macmillan Co.); R. J. Dubos, The Bacterial Cell (Harvard University Press); K. Landsteiner, The Specificity of Serological Reactions (Harvard University Press); F. M. Burnett, Virus as Organism (Harvard University Press); R. J. Dubos, Bacterial and Mycotic Infections of Man (Lippincott); T. M. Rivers, Viral and Rickettsial Infections of Man (Lippincott); E. F. Gale, The Chemical Activities of Bacteria (University Tutorial Press, London); J. R. Porter, Bacterial Chemistry and Physiology (John Wiley & Sons); A. J. Salle, Fundamental Principles of Bacteriology (McGraw-Hill); A. J. Rhodes and C. E. van Rooyen, Textbook of Virology (Nelson); S. P. Bedson, et al, Virus and Rickettsial Diseases (Arnold); F. C. Kelly and K. E. Hite, Microbiology (Appleton-Century-Crofts).

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY AND IMMUNOLOGY

Prerequisite: An aggregate standing of high second class must be obtained in the subjects submitted for the First year and good standing maintained in subsequent years.

The Chairman of the Department should be consulted in selecting subjects to be studied in the Second and Third years.

The following course of study has been found suitable for most students but may be modified to suit individual cases.

First Year: First year B.Sc. preferably including Botany 11a, Zoology 11b

Second Year: Physiology 22; Botany 11b; Zoology 11a; Chemistry 22 and 24; Genetics 21.

Third Year: Biochemistry 31; Zoology 22a; Botany 23a and 23b, Zoology 25, 25L; Bacteriology 4, and one elective course.

Students in Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

BIOCHEMISTRY

Professors — D. L. THOMSON, *Chairman*; J. H. QUASTEL

Associate Professors — O. F. DENSTEDT; K. A. C. ELLIOTT; R. D. H. HEARD

Sessional Lecturers — ESAU HOSEIN; MARGARET PURVIS

31. GENERAL PHYSIOLOGICAL CHEMISTRY (Full course with Laboratory). A general survey of the chemistry of carbohydrates, fats, steroids, and proteins, their transformations in the body, and the composition of the body in health and disease. Two laboratory periods per week, October to February.

2 hours plus laboratory — *Professor Thomson*

Prerequisite: Chemistry 22, Physiology 22.

Text: Mitchell, Textbook of Biochemistry (McGraw-Hill). The Department issues a synopsis of the laboratory course.

32. ENDOCRINOLOGY (Half course). The chemistry and pharmacology of the hormones.

1 hour — *Professor Thomson*

Prerequisite: Biochemistry 31 (may be taken concurrently).

Text: Grollman, Essentials of Endocrinology (Lippincott).

NOTE:—The Medical course in Biochemistry consists of courses 31 and 32 and course 33, three lectures weekly in May on Nutrition. Dental students will omit course 32. Course 33 carries no credit in Arts and Science and is not normally open to students of that Faculty.

34. SUPPLEMENTARY BIOCHEMISTRY (Half course). For Honours students in the Department only. A tutorial course parallel to 31.

1 hour — *Professor Thomson*

Text: West and Todd, Textbook of Biochemistry (Macmillan).

43. ADVANCED BIOCHEMISTRY (Full course). A detailed study of the organic chemistry of carbohydrates, fats, steroids, amino-acids, and proteins.

3 hours — *Professor Denstedt*

Texts: Hawk, Oser, and Summerson, Practical Physiological Chemistry (Blakiston); Gortner, Outlines of Biochemistry (Wiley).

43L. LABORATORY (One and one half courses). For Honours students in the Department only.

4 periods — *Dr. Hosein*

Prerequisite: Biochemistry 31, Chemistry 23.

44a. NUTRITION (Half course). Human requirements for calories, protein, and other nutrients; the chemical nature, detection, occurrence, and physiological function of the vitamins; the essential minerals.

First term: 3 hours *Mrs. Purvis*

Prerequisite: Biochemistry 31.

Text: Sherman, Chemistry of Food and Nutrition (Macmillan).

44b. PROTEIN PHYSICAL CHEMISTRY (Half course). The physico-chemical properties of solutions of amino-acids and proteins, including conjugated proteins and enzymes; ionic reactions, molecular size and shape, solubility, optical properties, enzyme kinetics.

Second term: 3 hours *Professor Thomson*

Prerequisite: Biochemistry 31, Chemistry 24; Biochemistry 43 should be taken concurrently.

Texts: Schmidt, Chemistry of the Amino Acids and Proteins (Thomas); Cohn and Edsall, Proteins, Amino Acids and Peptides (Reinhold); Haurowitz, Chemistry and Biology of Proteins (Academic Press); Greenberg, Amino Acids and Proteins (Thomas).

45. OXIDATION AND METABOLISM (Full course). The nature of biological oxidations and reductions and the enzymes concerned therewith, especially from the point of view of transfer of energy; the reactions of intermediary metabolism of organic foodstuffs as studied by isotope and other methods.

2 hours *Professors Thomson and Quastel*

Prerequisite: Biochemistry 31.

Text: Baldwin, Dynamic Aspects of Biochemistry (C.U.P.).

Reference Books: Soskin and Levine, Carbohydrate Metabolism (Univ. of Chicago Press); Green, Currents in Biochemical Research (Interscience Publishers).

HONOURS COURSE IN BIOCHEMISTRY

First year

First year B.Sc., Zoology 11 recommended.

Second year

Physiology 22.
Chemistry 22, 23, 27.
Zoology 21.
Mathematics 224 or 223a, or Chemistry 24, or Physics 21.

Third year

Chemistry 24 (if not already taken).

Biochemistry 31, 34.

Physiology 31.

Bacteriology 4.

Quota of five courses to be completed from: Chemistry 32, Mathematics 224 or 223a, Physics 30, Genetics 44, Biochemistry 32.

Fourth year

Biochemistry 32 (if not already taken), 43, 43L, 44a, 44b, 45.
Changes in this programme may be permitted in special cases.

BOTANY

Professor	MURIEL V. ROSCOE, *Chairman*
Associate Professors	R. D. GIBBS
	E. R. WAYGOOD
Assistant Professors	G. H. N. TOWERS
	C. M. WILSON

11a. GENERAL BOTANY. The Seed Plant (Half course). The structure, functioning, and reproduction of higher plants, with an introduction to the major families of flowering plants and their economic significance.

First term: 2 hours lecture and 3 hours laboratory
Professors Roscoe and Wilson

11b. GENERAL BOTANY. A Survey of the Plant Kingdom (Half course). A study of representatives of the main plant groups on an evolutionary basis.

Second term: 2 hours lectures and 3 hours laboratory
Professors Gibbs and Towers

21. TAXONOMY OF THE HIGHER PLANTS (Full course). A practical introduction to the morphology and classification of the seed plants, giving special attention to the identification and significance of Canadian species.

2 hours lectures and 3 hours laboratory *Professor Gibbs*

Prerequisite: Botany 11a or 11b.

22b. PLANT ANATOMY (Half course). A detailed study of the organization of vascular plants; internal structure viewed in relation to function and evolution.

Second term: 2 hours lectures and 3 hours laboratory *Professor Roscoe*

Prerequisite: Botany 11a.

23a. MYCOLOGY (Half course). General characteristics of the fungi, morphology and classification, life cycles and economic importance. Particular reference is given to the Myxomycetes, Phycomycetes and Ascomycetes.

First term: 2 hours lectures and 3 hours laboratory *Professor Wilson*

Prerequisite: Botany 11b.

23b. MYCOLOGY (Half course). Morphology and classification of the Basidiomycetes and Fungi Imperfecti with emphasis upon cultural techniques.

Second term: 2 hours lectures and 3 hours laboratory *Professor Wilson*

Prerequisite: Botany 23a.

31. PLANT PHYSIOLOGY (Full course). A general introduction to the study of the physiological functioning and reactions of plants. Topics such as water relations, photosynthesis, mineral nutrition, respiration, growth, and metabolism are discussed in detail.

2 hours lectures and 3 hours laboratory *Professor Waygood*

Prerequisite: Botany 11a and Chemistry 22.

32. MORPHOLOGY AND TAXONOMY OF THE LOWER PLANTS (Full course). Life histories, structure, and relationships of the Algae, Fungi, Lichens, Mosses and Liverworts, Ferns, and other non-flowering plants.

2 hours lectures and 3 hours laboratory *Professor Gibbs*

Prerequisite: Botany 11b.

(Not given in 1953-54; given in 1954-1955.)

*33. PLANT BIOCHEMISTRY (Full course). Chemistry, occurrence, and roles of organic materials found in plants, and methods for their detection and estimation. Some reference is made to economic uses of plants.

2 hours lectures and 3 hours laboratory (6 hours laboratory for graduate and honours students) *Professor Gibbs*

Prerequisite: Botany 11a or 11b, Chemistry 22.

(Not given in 1953-54; given in 1954-55.)

*41. MICROTECHNIQUE (Full course). Methods of preparing plant material for microscopical study, with practical experience in fixing, embedding (both paraffin and celloidin), cutting, and staining.

1 hour lecture and 6 hours laboratory *Professor Roscoe*

Prerequisite: Botany 22b.

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*Courses for Advanced and Graduate students.

*42. SPECIAL TOPICS (Full course or half course). Prescribed reading, conference, and practical work in selected subjects such as Ecology, Phytogeography, Mycology, Physiology, Taxonomy of Special Groups, Anatomy, and Biochemistry. *The Staff*

*43b. PLANT ECOLOGY (Half course). A study of the effects of climate and soil factors on plant growth leading to an interpretation of the evolution, distribution and succession of plant communities. Reference will be made to methods of ecological studies in conservation, forestry, and agriculture practices.

Second term: 2 hours lectures and 3 hours field, conference or laboratory *Professor Waygood*

Prerequisites: Botany 11 and Botany 21 (except with special permission).

44a. ECONOMIC BOTANY (Half course). The nature, origins and distribution of plants of economic importance, with some study of structure of plant parts utilized.

First term: 2 hours lectures and 3 hours laboratory *Professor Roscoe*

Prerequisites: Botany 11a or b, and Botany 21 (except with special permission).

(*Not given in 1953-54; given in 1954-55.*)

HONOURS COURSE IN BOTANY

NOTE:—The Honours Course in Botany prepares students for graduate work in the departments of Genetics and Plant Pathology as well as Botany. Allowing as it does for considerable study of other biological subjects, it forms also a suitable preparation for the teaching of Biology in schools.

A full course in Zoology is required for Honours in Botany. This should be taken, preferably, in the early years of the course.

First year: Students must take a full course in Botany (Botany 11a and 11b) or a half course in Botany and a half course in Zoology as their elective in the B.Sc. program.

Second year: The general second year requirements are satisfactory as long as Chemistry 22 and a course in Botany are included. If Botany 11 has been completed in the first year, Botany 21 or 22b and 23a should be taken. The Arts subject is optional.

Third year: Botany 21, 22b, 23a, and 31 must be included if not already taken. Additional courses are to be selected from cognate fields with the advice of the Department.

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*Courses for Advanced and Graduate students.

Fourth year: Three of the remaining Botany courses are required, together with two other courses selected with the approval of the Department.

CONTINUATION COURSES IN BOTANY

Second year: Botany 11, or 21, or 22b and 23a.

Third year: Botany 21 to 44a.

Fourth year: Botany 21 to 44a.

A student who has not completed Botany 11 must obtain permission from the Department of Botany before proceeding to more advanced courses in Botany.

GENERAL HONOURS IN BIOLOGICAL SCIENCES

Students who desire a planned course of study of plants and animals should consult the program drawn up for "General Honours in Biological Sciences", page 1026.

CHEMISTRY

Professors	OTTO MAASS, *Chairman*
	W. H. HATCHER
	C. B. PURVES
	C. A. WINKLER
Associate Professors	J. H. MENNIE
	R. V. V. NICHOLLS
	ALFRED TAURINS
Assistant Professors	R. K. HOLCOMB
	A. S. ROSS
	H. I. SCHIFF
Special Lecturer	LEO YAFFE
Honorary Lecturers	W. B. CAMPBELL
	S. G. MASON
	J. H. ROSS

11. GENERAL CHEMISTRY (Full Course). (Fac. Eng. 902.) General survey of chemical theory and of inorganic chemistry, including atomic and kinetic theories, equivalent, atomic and molecular weights, gases, liquids, solids, solutions, ionization, oxidation and reduction, velocities of reactions, chemical equilibrium, heats of reaction, electromotive series, periodic table, preparation and properties of important elements and compounds.

3 hours, and 3 hours laboratory. *Professor Holcomb*

Prerequisites: Physics 11 and Mathematics 111 (or their equivalents) unless taken concurrently.

References: Briscoe, General Chemistry for Colleges, 4th ed. (Houghton-Mifflin); Hatcher, Introduction to Chemical Science (Wiley); Jones, Inorganic Chemistry (Blakiston); Pauling, General Chemistry (Freeman); Richardson Scarlett, General College Chemistry (Holt); Schlesinger, General Chemistry (Longman); Timm, General Chemistry (McGraw-Hill).

Laboratory: *Professor Holcomb and Demonstrators*

Preparation and properties of certain non-metals and compounds; experiments illustrative of important theories: quantitative experiments (including volumetric analysis); introduction to qualitative analysis.

22. ORGANIC CHEMISTRY (ELEMENTARY) (Fac. Eng. 948.) (Full course). Special characteristics of carbon and its compounds; the principles of functionality, homology, and isomerism; nomenclature, occurrence, preparation, physical and chemical properties, and uses of the more important organic compounds.

2 hours, one tutorial, and 3 hours laboratory.

Professors Hatcher and Nicholls and Demonstrators

Prerequisite: Chemistry 11 and Physics 11 or their equivalents.

Text: Noller, Chemistry of Organic Compounds (Saunders) *or* Brewster, Organic Chemistry (Prentice-Hall).

Laboratory Text: Nicholls, An Introduction to Practical Organic Chemistry, 2nd ed. (Pitman).

23. ANALYTICAL CHEMISTRY (ELEMENTARY): QUANTITATIVE ANALYSIS (Fac. Eng. 944) (Full course). Reactions of electrolytes in solution; ionization constant; solubility product constant; common-ion effect. Theory of gravimetric and volumetric precipitation; theory of indicators and acid-base titrations; oxidation-reduction methods.

Laboratory: Simple gravimetric determinations; typical volumetric procedures, including neutralization, precipitation and oxidation-reduction methods. All samples are solids which must be weighed and brought into solution by the student.

1 hour, and 6 hours laboratory *Professor Mennie and Demonstrators*

Prerequisite: Chemistry 11.

Text: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

24. PHYSICAL CHEMISTRY (ELEMENTARY) (Full course). Fundamental physico-chemical topics including states of matter, equilibria, electro chemical phenomena, chemical kinetics, thermo-dynamics.

2 hours, one tutorial. *Professor Maass*

Prerequisites: Chemistry 11, Physics 11.

Text: Maass and Steacie, Introduction to the Principles of Physical Chemistry, second edition (Wiley).

24L. ELEMENTARY PHYSICAL CHEMISTRY LABORATORY (Half course). Experiments and problems to illustrate physico-chemical principles and provide practice in handling experimental data and dimensional units.

3 hours laboratory *Professor A. S. Ross and Demonstrators*

27. ANALYTICAL CHEMISTRY (ELEMENTARY): QUALITATIVE ANALYSIS (Fac. Eng. 942) (Half course). Theory of formation and dissolution of precipitates; complex-ions; amphoteric electrolytes; hydrolysis; etc.

Laboratory: Systematic separation and identification of the common ions.

1 hour and 3 hours laboratory. *Professor Mennie and Demonstrators*

Prerequisite: Chemistry 23, unless taken concurrently.

Text: Curtman, Semi-micro Qualitative Chemical Analysis (Macmillan).

31. ATOMIC STRUCTURE AND VALENCE THEORIES (Full course).

2 hours *Professor Mennie*

Prerequisite: Chemistry 11, Physics 11, Mathematics 224 or 225.

32. ORGANIC CHEMISTRY (ADVANCED) (Fac. Eng. 962) (Full course). Electronic character, methods of synthesis, physical, chemical, and physiological properties of principal bonds and functional groups in organic compounds; reaction mechanisms, interaction of functional groups, industrial applications of organic compounds.

2 hours *Professor Nicholls*

Prerequisite: Chemistry 22.

32L. LABORATORY (Half course).

6 hours *Professor Nicholls and Demonstrators*

Laboratory Text: Cheronis, Semi-micro and Macro Organic Chemistry (Crowell).

33. ANALYTICAL CHEMISTRY (ADVANCED): QUANTITATIVE ANALYSIS (Full course). Introduction to systematic quantitative analysis; buffer action and its applications in analytical chemistry; theory of electrolytic analysis; etc.

Laboratory: Systematic analysis of complex materials such as limestone, brass, etc.

1 hour, and 6 hours laboratory. *Professor Mennie and Demonstrators*

Prerequisite: Chemistry 23 and 27.

Text: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

34. KINETIC THEORY (Fac. Eng. 972) (Half course). Kinetic theory of gases; fundamental mathematical relations for molecular velocity, collision frequency, viscosity, thermal conductivity, diffusion, etc.; imperfect gases.

1 hour *Professor Winkler*

Prerequisites: Chemistry 24, Mathematics 224 or 225.

Text: Glasstone, Textbook of Physical Chemistry (Van Nostrand); Loeb, Kinetic Theory of Gases (McGraw-Hill).

34L. INTERMEDIATE PHYSICAL CHEMISTRY LABORATORY (Half course). Simple physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids, and solutions.

3 hours laboratory. *Professor A. S. Ross and Demonstrators*

Prerequisite: Chemistry 24, 24L.

Text: Daniels, Mathews, and Williams, Experimental Physical Chemistry, 4th ed. (McGraw-Hill).

35. THERMODYNAMICS (Full course). (Fac. Eng. 964.) First and second laws, entropy, free energy, fugacity and activity, partial molal quantities, Debye-Huckel theory.

2 hours *Professor Winkler*

Prerequisites: Chemistry 24 and Mathematics 224 or 225.

Texts: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill).

40. CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS (Fac. Eng. 966) (Half course). Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical, and mechanical properties; experimental methods for controlling and determining structures of polymers; properties of commercially available materials; methods of fabrication.

1 hour *Professor Nicholls*

Prerequisites: Chemistry 22 and 32 (the latter course may be taken concurrently).

41. INORGANIC CHEMISTRY (Full course). Descriptive inorganic chemistry based on the Periodic Table.

2 hours *Professor Mennie*

Prerequisite: Chemistry 31a.

42. STEREOCHEMISTRY (Full course). Optical and geometrical isomerism with examples from carbohydrate, amino acid, steroid, alkaloid, and terpene chemistry; Walden inversion; polarimetry; steric hindrance.

2 hours *Professor Taurins*

Prerequisite: Chemistry 24, 32.

42L. ORGANIC CHEMISTRY LABORATORY. For Honours Chemistry students only (Half course). Qualitative organic analysis. Identification and separation of mixtures of organic compounds.

First term: 9 hours laboratory. *Professor Taurins and Demonstrators*

Laboratory Text: Shriner and Fuson, The Systematic Identification of Organic Compounds. 3rd ed., 1948 (Wiley).

43b. ANALYTICAL CHEMISTRY. For Honours Chemistry students only (Half course). Special methods of quantitative analysis; colorimetric analysis; colorimetric and potentiometric pH measurement; potentiometric and conductometric titrations; polarography, etc.

Second term: 1 hour and 6 hours laboratory

Professor Mennie and Demonstrators

Texts: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan); Kolthoff and Laitinen, pH and Electro-titrations (Wiley).

44. PHYSICAL CHEMISTRY (ADVANCED) (Fac. Eng. 982) (Half course). Chemical kinetics; rates of homogenous and heterogeneous reactions; activation energy; theories of reaction mechanisms; Phase Rule.

First term: 2 hours

Second term: 1 hour *Professors Winkler and A. S. Ross*

Prerequisites: Chemistry 34, 35.

Texts: Laidler, Chemical Kinetics (McGraw-Hill); Glasstone, Text-book of Physical Chemistry (Van Nostrand).

44L. ADVANCED PHYSICAL CHEMISTRY LABORATORY. (Full course.) More advanced physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids, solutions, and colloids.

6 hours laboratory. *Professor A. S. Ross and Demonstrators*

Prerequisites: Chemistry 34, 35, 34L.

Text: Daniels, Matthews, and Williams, Experimental Physical Chemistry, 4th ed. (McGraw-Hill).

45. THERMODYNAMICS (ADVANCED). For Honours Chemistry students only (Full course).

2 hours *Professor Schiff*

Prerequisite: Chemistry 35.

Text: Sillén, Lange, and Gabrielson, Problems in Physical Chemistry (Prentice-Hall).

Reference Books: Lewis and Randall, Thermodynamics (McGraw-Hill); Klotz, Chemical Thermodynamics (Prentice-Hall); Paul, Principles of Chemical Thermodynamics (McGraw-Hill).

46. COLLOID CHEMISTRY (Fac Eng. 986) (Half course). Descriptive thermodynamic and kinetic treatment of properties of surfaces, sols, emulsions, gels.

1 hour *Professor A. S. Ross*

Prerequisites: Chemistry 34, 35.

Texts: Hartman, Colloid Chemistry (Houghton-Miffin); Weiser, Colloid Chemistry (Wiley); Adam, Physics and Chemistry of Surfaces (Oxford); Brunauer, Adsorption of Gases and Vapors, Vol. I (Princeton).

47a. ELECTROCHEMISTRY (Fac. Eng. 988) (Half course). Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells; liquid junction potentials; overvoltage and polarization phenomena.

First term: 2 hours *Professor A. S. Ross*

Prerequisites: Chemistry 34, 35.

Texts: Glasstone, Introduction to Electrochemistry (Van Nostrand); Kortüm and Bockris, Textbook of Electrochemistry (Elsevier).

48. RADIOCHEMISTRY (Half course). An extra half course for Fourth year Honours students. Nuclear properties; semi-empirical mass formula; isobaric behaviour; modes of radioactive decay; nuclear reactions; compound nucleus; cross-sections; high energy reactions; instruments and techniques used in measurement and study of radiations; methods of isolation, concentration, and identification of radioactive nuclides; chemistry of low concentrations; some applications of radioactive tracers.

Prerequisite: To be discussed between prospective student and lecturer.

Dr. Yaffe

60. THE CHEMISTRY OF DAILY LIFE (Full course). For students in Arts, the School for Graduate Nurses, and others who wish to gain an insight into the importance of chemistry. No previous knowledge of the subject is required. Demonstrations take the place of formal laboratory operations. Major branches of chemistry discussed are Inorganic, Organic, and Food.

2 hours *Professor Hatcher*

Text: Hatcher, An Introduction to Chemical Science, 2nd ed. (Wiley).

70. SCIENCE IN ECONOMIC LIFE 3 (Full course). By virtue of its two main subdivisions, inorganic and organic, chemistry presents a vast field of service to man. In this course the important principles of industrial chemistry are presented by application to commercial processes where all their aspects are studied in relation to their economic importance.

The course is intended primarily for B.Com. students.

2 hours *Professor Hatcher*

Text: Selected readings and essays.

72a. ORGANIC CHEMISTRY (ELEMENTARY) (Half course). A course in elementary organic chemistry especially designed for degree students in Nursing and Physical Education.

First term: 3 hours and 3 hours laboratory.

Professor Nicholls and Demonstrators

Prerequisites: Chemistry 11 and Physics 11, or equivalents.

73a. ANALYTICAL CHEMISTRY (ELEMENTARY): QUALITATIVE ANALYSIS (Half course). Theory of the reactions of electrolytes in solution.

Laboratory: Systematic separation and identification of the common ions.

First term: 1 hour, and 6 hours laboratory.

Professor Mennie and Demonstrators

Prerequisite: Chemistry 11.

Text: Curtman, Semi-micro Qualitative Chemical Analysis (Macmillan).

73b. ANALYTICAL CHEMISTRY (ELEMENTARY): QUANTITATIVE ANALYSIS (Half course). Theory of indicators and acid-base titrations; oxidation reduction titrations; gravimetric and volumetric precipitation.

Laboratory: Representative laboratory procedures illustrating the above.

Second term: 1 hour, and 6 hours laboratory.

Professor Mennie and Demonstrators

Prerequisite: Chemistry 73a, unless taken concurrently.

B.Sc. HONOURS COURSE IN CHEMISTRY

This course begins in the Second year. First year students intending to take Honours in Chemistry should consult the Department before the end of the session.

Prerequisites: At least good second class standing in Chemistry 11, Mathematics 111, and Physics 11 or their equivalents. It is desirable that students should have taken a course in German in the First year.

Second year: Chemistry 22, 23, 24, 24L, 27; Mathematics 224 or 225; Physics 22.

Third year: Chemistry 31, 33, 32L, 33, 34, 34L, 35; Mathematics 337; Physics 23.

Fourth year: Chemistry 41, 42, 42L, 43b, 44, 44L, 45, 46, 47; Mathematics 447.

NOTE:—Students anticipating specialization in Chemistry are recommended to include Intermediate Mathematics in their Junior Matriculation subjects. If they enter by Senior Matriculation they should include Co-ordinate Geometry in this examination.

GENERAL COURSE STUDENTS

B.Sc.—Chemistry courses may be taken in the following years providing necessary prerequisites have been passed: *Second and Third years*, Chemistry 22 or 24, 23 or 73a, 73b; *Third year*, Chemistry 24 or 22, 27; *Fourth year only*, Chemistry 32, 33, 34 and 34L, 35 or other courses by special permission of the Department.

B.A. students normally are admitted to Chemistry 11 only in their Second year *after* passing Physics 11 in their First year and if they plan to take a Chemistry course in a later year. Otherwise they should take Chemistry 60.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

CLASSICS

Professor	CLIVE H. CARRUTHERS, *Chairman*
Professor (post-retirement)	W. D. WOODHEAD
Associate Professors	E. M. COUNSELL
	PAUL F. MCCULLAGH
Assistant Professor	COLIN D. GORDON
Sessional Lecturer	G. A. R. VALLILLEE

GREEK

1. BEGINNERS' GREEK (Full course). For students who have not matriculated in Greek, the completion of this course and Greek 2 will be accepted as fulfilling its classical language requirement for the B.A. degree.

   3 hours. *Professor McCullagh*

   Texts: To be announced.

2. INTERMEDIATE GREEK (Full course). Grammar, readings, and lectures on Greek Literature.

   Prerequisite: Greek 1, except by permission of the Chairman of the Department.

   3 hours. *Professor Carruthers*

   Text: To be announced.

21. GREEK. Second year (Full course).

   Prerequisite: Matriculation Greek, or Greek 2.

   3 hours. *Professor McCullagh*

   Texts: Lucian, Vera Historia (Jerram, Clarendon Press); Benner, Selections from Homer (Appleton Century).

22. GREEK. Second year (Full course).
3 hours. *Professor Counsell*

Texts: Euripides, Alcestis (Bayfield, Macmillan); Herodotus II, Selections (Waddell): Prose Composition.

23. HELLENISTIC GREEK (Full course). Permission of the Department must be obtained before registering for this course.

Prerequisite: Greek 1 or equivalent.

3 hours. *Professor Carruthers*

Texts: To be announced.

31. GREEK. Third year (Full course).
3 hours.

Texts: Homer, Odyssey (two books); Aristophanes, Clouds.

32. GREEK. Third year (Full course).
3 hours. *Professor McCullagh*

Texts: Sophocles, Oedipus Rex; Thucydides, Book 7; Sight Translation.

41. GREEK. Fourth year (Full course).
3 hours. *Professor Carruthers*

Texts: Aristophanes, Birds; Aeschylus, Prometheus Vinctus.

42. GREEK. Fourth year Honours (Full course).
3 hours.

Texts: Plato, Republic (Selections); Aristotle, Ethics (Selections); Sight Translation.

For Honours courses, continuation courses and elective courses in Greek, see below (page 1055).

LATIN

1. BEGINNERS' LATIN (Full course). The completion of this course and Latin 2 will be accepted as fulfilling the classical language requirement for the B.A. degree. Students who have passed the McGill School Certificate examination in Latin or its equivalent are required to take Latin 11 for this purpose.

3 hours. *Professor Counsell*

Text: Hettich and Maitland, Latin Fundamentals, 3rd ed. (Prentice-Hall).

2. INTERMEDIATE LATIN (Full course).

Prerequisite: Latin 1.

3 hours. *Professor Gordon*

Text: Hettich and Maitland, Latin Fundamentals, 3rd ed. (Prentice-Hall).

11. LATIN. First year (Full course). The completion of this course fulfils the classsical language requirement for the B.A. degree.

3 hours. *Members of the Department*

Texts: To be announced.

21. LATIN. Second year (Full course).

3 hours. *Mr. Vallillee*

Texts: Vergil, Aeneid VI (Sidgwick, C.U P.); Cicero, De Senectute (Reid, C.U.P.).

22. LATIN. Second year (Full course).

3 hours. *Professor Counsell*

Texts: Westcott, Selections from Pliny's Letters (Allyn and Bacon); Horace, Odes (Selections).

23. READINGS IN LATE AND MEDIEVAL LATIN (Full course). Permission of the Department must be obtained before registering for this course.

3 hours. *Professor Counsell*

Texts: To be announced.

31. LATIN. Third year (Full course).

3 hours. *Professor McCullagh*

Texts: Livy, Book XXI (Dimsdale, C.U.P.); Ovid, Metamorphoses (Chase and Stuart, Noble & Noble).

32. LATIN. Third year Honours (Full course).

3 hours. *Professor Carruthers*

Texts: Vergil, Bucolics (Sidgwick), Georgics IV (Sidgwick); Sallust, Catiline (Capes, Clarendon Press).

41. LATIN. Fourth year (Full course).

3 hours. *Professor Carruthers*

Texts: Plautus, Rudens; Tacitus, Annals I-IV; Sight translation.

42. LATIN. Fourth year Honours (Full course).

3 hours. *Professor Carruthers*

Texts: Lucretius, Selections; Horace, Satires and Epistles (Rolfe, Allyn and Bacon).

For Honours courses, continuation courses and elective courses in Latin, see below (page 1055).

OTHER COURSES

ANCIENT HISTORY 11.—PRIMITIVE ORIENTAL, GREEK, AND ROMAN HISTORY (Full Course). A general course available both to First year students and to those in the upper years.

3 hours. *Professor Gordon*

Text: Sanford, The Mediterranean World in Ancient Times (Ronald Press).

ANCIENT HISTORY 21.—GREEK HISTORY (Full course). The origin, development, achievements, and decay of the Greek city-state society, from the time of Homer to Alexander the Great. Particular attention will be paid to Greek life and culture and to Greek contributions to modern civilization.

3 hours. (*Not given in 1953-54.*) *Professor Gordon*

ANCIENT HISTORY 22.—ROMAN HISTORY (Full course). The political and social development of the Roman state from its origins to the time of Augustus, with particular attention to the collapse of the Republic and the founding of the Principate.

3 hours. *Professor Gordon*

Ancient History 11, though not a prerequisite, is desirable for students taking this course.

CLASSICS 20.—CLASSICS IN TRANSLATION (Full course). A course for Second, Third, and Fourth year students, especially students interested in literature. Readings of the greater works of Greek and Roman literature in translation, with interpretative lectures and discussions.

3 hours. *Professor Woodhead*

CLASSICS 31.—COMPARATIVE GRAMMAR. For Third year Honours students (Half course).

2 hours. *Professor Carruthers*

LINGUISTICS 21.—INTRODUCTION TO THE STUDY OF LANGUAGE. Available to Second, Third, and Fourth year students (Full course). An elementary survey of human speech, its nature, origin, structure, and classification; principles of linguistic change; writing and the alphabet; universal and auxiliary languages.

3 hours. *Professor Carruthers*

HONOURS COURSES

Honours students in Classics will take two full courses each year both in Latin and in Greek, and, in addition, Classics 31 in their third year.

Honours students in Latin (or Greek) and another subject will take two full courses each year in Latin (or Greek).

All Honours courses must be approved by the Department.

CONTINUATION COURSES

Students offering Latin (or Greek) as a Continuation subject will take one course in their second, third, and fourth years. The Chairman of the Department should be consulted before registration.

GRADUATE COURSES IN CLASSICS

See the Announcement of the Faculty of Graduate Study and Research.

ECONOMICS AND POLITICAL SCIENCE

Professors	E. F. Beach, *Chairman*
	F. C. James
	B. S. Keirstead
	D. B. Marsh
	H. D. Woods
Visiting Professor	Eugen Altschul
Associate Professors	J. T. Culliton
	J. R. Mallory
Assistant Professors	K. B. Callard
	J. H. Dales
	M. C. Kemp
	P. F. Vineberg
	J. C. Weldon
Lecturers	Michael Brecher
	R. C. Pratt
Sessional Lecturers	F. E. Dessauer
	Saul Frankel
	Sylvia Wiseman

ECONOMICS COURSES

100. ECONOMIC HISTORY. First year (Full course). A survey of the evolution of economic institutions from the ancient empires in Sumaria and Egypt to the outbreak of war in 1939. The course reviews the continuity of economic activities from the early empires through Greece and Rome; the manorial organization of the early Middle Ages; the revival of towns, commerce and financial institutions; the widening of geographical and intellectual horizons; the industrial revolution and colonization; the economy of the 19th century; the first world war and the breakdown of the war economy after 1931.

3 hours. *Professor James*

211H. INTRODUCTION TO ECONOMIC THEORY. Second year (Full course). An introduction to economic analysis covering general price theory, the theory of the firm, theory of production and distribution, and general equilibrium theory.

3 hours. *Professor Weldon*

This course is prerequisite to all Honours courses in Economics.

211G. ELEMENTS OF POLITICAL ECONOMY. Second year (Full course). Production, distribution, and exchange of goods; money and banking; price; international trade and foreign exchange; labour and trade unions; related topics.

3 hours *Professor Culliton*

This course is prerequisite to all courses in Economics except Economics 100, 261a, and 361b.

211C. PRINCIPLES OF ECONOMICS. Second year (Full course). An introduction to the general principles of economics, covering monetary systems, price levels, national income, production, competition, and international trade.

3 hours *Professor Beach*

This course is prerequisite to all courses in Economics except Economics 100, 261a, and 361b.

261a. ECONOMIC STATISTICS I. Third year (Half course). Description of frequency distributions including averages, dispersion, and skewness. Charting and analysis of time series: trend lines, seasonal indexes, and measurement of cyclical fluctuations. Index numbers. Simple linear correlation.

3 hours. *Professor Beach*

Prerequisites: Mathematics 111; Economics 211 is not required as a prerequisite.

300. ECONOMIC HISTORY OF MODERN BRITAIN. Third or Fourth year (Full course). Traces the course of British economic development from the breakdown of the medieval system to the present day. Particular attention is paid to the influence on British history of population movements; the introduction of new techniques in agriculture, transportation, industry, and finance; and the economic development of overseas areas.

3 hours. *Professor Dales*

Prerequisites: Either Economics 100 or History 1.

311. HISTORY OF ECONOMIC THOUGHT. Third or Fourth year (Full course). A critical study of the writings of the great economists, with particular reference to the period from Adam Smith to the present day.

For Honours students only.

3 hours. *Professor Altschul*

321. MONEY AND BANKING. Third year (Full course). Theory and practice of money and credit; organization and operations of financial institutions; monetary policy; concept and function of money; early history of credit institutions; the crisis of 1825, the Peel Bank Act, and the development of the British financial system; the National Banking System in U.S. and the evolution of the Federal Reserve System; early development of Canadian banking; effects of World Wars I and II and of the Great Depression on U.S., U.K., and Canadian banking; monetary policy and economic fluctuations.

3 hours. *Professor Weldon*

322b. ECONOMIC DYNAMICS. Third and Fourth year (Half course). An examination of the methodological problems of model building. Covers formation of expectations, planning under uncertainty, aggregation problem, period analysis, solution of simple difference and differential equations. Special consideration is given to the monetary aspects of macro-models.

Second term: 3 hours. *Professor Kemp*

Prerequisite: First term of Economics 321.

331. ECONOMIC POLICY. Third and Fourth year (Full course). A study of the economic policy of governments, with particular regard to corporations and forms of business enterprise, regulation of markets and competition, monopoly problems, public utilities, and governmental enterprises, fiscal policy, the maintenance of full employment, and the prevention of inflation.

3 hours. *Professor Kemp*

341a. LABOUR ECONOMICS. Third year (Half course). The origin of labour problems in modern industrial organization; their interpretation by economic theory; the theory of wages and employment.

First term: 3 hours. *Mrs. Wiseman*

341b. LABOUR INSTITUTIONS. Third year (Half course). The course is designed to supplement the course in labour problems but may be taken separately. It deals with trade unions, co-operative societies, credit unions, labour political movements, labour legislation, and governmental organization in the labour field. Students are advised to take Economics 341a.

Second term: 3 hours. *Mrs. Wiseman*

351. CANADA: GEOGRAPHIC, INDUSTRIAL, AND ECONOMIC PROBLEMS. Third year (Full course). This course consists of discussions on current economic and political problems in Canada with special emphasis on their origins, causes, and possible solutions, e.g., the wheat problem, the coal problem, etc.

3 hours. *Professor Culliton*

361b. ECONOMIC STATISTICS II. Third year (Half course). An introduction to Statistical Inference covering the following topics; elementary distributions. sampling, tests of statistical hypotheses, and estimation of population parameters.

3 hours. *Professor Weldon*

Economics 211 is not required as a prerequisite.

363a. ECONOMETRICS I. Fourth year (Half course). An elementary mathematical treatment of basic economic theory. Attention is chiefly given to technique.

First term: 3 hours. *Professor Weldon*

400. THE ECONOMIC HISTORY OF NORTH AMERICA. Third or Fourth year (Full course). Deals primarily with Canada and the influence of the United States on Canadian economic development. The cod fisheries; fur trade settlement, and the struggle for the continent; breakup of the first British Empire; Confederation; commercial policy; railways; twentieth century industries.

3 hours. *Professor Dales*

411. ADVANCED ECONOMIC THEORY. Fourth year (Full course). An attempt to formulate the theoretic problems on the frontiers of the science and to study attacks on these problems in the recent literature.

For Honours students only.

3 hours. *Professor Keirstead*

Prerequisite: Economics 311.

412. ECONOMIC ANALYSIS. Third or Fourth year (Full course). A systematic study of the techniques and principal results of theoretical analysis, including the theory of prices, wages, interest rates; the theory of accounts the marginal analysis of individual firm, industry, and household; the theory of capital.

3 hours. *Professor Keirstead*

421. PUBLIC FINANCE. Fourth year (Full course). Noetical introduction. Outline of the history of the science. The subject of public finance. Economic function of the state. Material and formal order in public finance. State expenditures: definition, evolution, principles, effects, system and classification, the several kinds of expenditure considered. State revenues: definition, evolution, principles, effects, system and classification, the several kinds of revenue considered. Extraordinary expenditures and revenues (war finance). State property and state debts.

3 hours

Prerequisite: Economics 321.

(*Not given in 1953-54.*)

422a. ECONOMIC FLUCTUATIONS. Fourth year. Analysis of the nature and causes of fluctuations in income, employment, prices, production, etc. The three types of cycle: Kitchin, Juglar, and Kondratieff; secular stagnation, the concept of national income; major components; fundamental savings-investment and monetary flow equations; the multiplier; the relation; interactions of multiplier and relation; the Schumpeter model; the Kalecki-Kaldor model; the Hayek model; the Keynesian system; Hansen and the doctrine of economic maturity.

For Honours students only.

First term: 3 hours. *Professor Altschul*

Prerequisite: Economics 321.

422b. FISCAL POLICY. Fourth year (Half course). This course is concerned with actual and proposed economic policies for the maintenance of full employment without inflation. Nature of the employment problem; policy implications of various explanations of economic fluctuations; policy implications of "long wave" and "stagnation" theories; policies to stimulate private investment; policies to increase consumer spending; public investment policy; monetary vs. fiscal policy; tax reduction vs. increased expenditures; foreign trade policy and employment; debt management.

For Honours students only

Second term: 3 hours. *Professor Altschul*

Prerequisite: Economics 422a.

424a. INTERNATIONAL TRADE AND TRADE POLICY. Fourth year (Half course). A study of the economic problems which result from the existence of sovereign states: foreign exchanges, tariffs, commercial policy, state trading, international economic agreements.

First term: 3 hours. *Professor Kemp*

Prerequisite: Economics 321.

425a. CORPORATION FINANCE. Fourth year (Half course). The capital supply of corporations; money and capital markets; concept and short history of business corporations, their changed structure and increased importance; the instrumentalities of corporation finance (bonds, stocks, hybrid forms and trust certificates); holding and investment companies; corporate finance in action (promotion, management, expansion, decline, and failure); security markets and their function, organization, operation, and control.

First term: 3 hours. *Mr. Dessauer*

425b. INVESTMENT ANALYSIS. Fourth year (Half course). Role of investment; the investment outlets (government bonds, corporate securities, mortgages, real estate) as seen by the buyer; the concepts of income, risk, value, and appreciation; analysis of specific investment outlets; market behaviour and its analysis; investment methods.

Second term: 3 hours. *Mr. Dessauer*

431. INTERNATIONAL COMMODITY CONTROLS. Fourth year (Full course). This course includes, as well as international commodity controls, the wider question of monopolies, cartels, patents, and monopoly legislation. It is conducted along seminar lines.

3 hours *Professor Culliton*

432. TRANSPORTATION. Fourth year (Full course). History and development of the Canadian transportation system; economic characteristics of the various transportation media; comparative analysis of cost and rate structures; problems of regulation and control.

3 hours. *Professor Culliton*

441. INDUSTRIAL RELATIONS. Third and Fourth year (Full course). An introduction to the problems of employer-employee relations, including the management of personnel, legislation, employee organizations, and the State function and public interest in industrial relations. Plant visits and reports are an integral part of the course.

3 hours *Professor Woods*

442. COLLECTIVE BARGAINING. Fourth year (Full course). A seminar course involving an intensive study of collective bargaining institutions

and techniques, grievance procedures, law and the state machinery for industrial relations. The course covers trade unionism, employers associations, collective agreements, negotiations, the content of such agreements, conciliation, and arbitration. Experience in other industrial countries is also examined.

Students are admitted only by permission of the instructor.

3 hours *Professor Woods*

461b. ECONOMETRICS II. Fourth year (Half course). A development of the mathematical aspects of econometrics. Attention is chiefly given to selections from the recent literature.

Second term: 3 hours. *Professor Beach*

Prerequisite: Economics 363a or equivalent.

462a. STATISTICAL INFERENCE. Fourth year (Half course). A continuation of the statistical theory of sampling, reliability, estimation, and testing of hypotheses developed in Economics 361b.

3 hours. *Professor Beach*

Prerequisite: Economics 361b.

POLITICAL SCIENCE COURSES

Political Science 211G or 211H, and either History 1 or Economics 100, are prerequisite to all Third and Fourth year courses in Political Science.

211G. COMPARATIVE GOVERNMENT. Second year (Full course). An analysis of the basic concepts of Political Science, with illustrations drawn mainly from the experience of constitutional and dictatorial government as practised in certain modern states.

3 hours. *Mr. Pratt*

211H. COMPARATIVE GOVERNMENT. Second year (Full course).

For Honours students.

3 hours. *Mr. Frankel*

311. HISTORY OF POLITICAL THEORY. Third year (Full course). A survey of the development of Western political thought from ancient Greece down to the present.

3 hours. *Mr. Pratt*

321b. POLITICAL THOUGHT AND INSTITUTIONS OF CHINA AND JAPAN. Third or Fourth year (Half course). A study of the traditional political

systems of China and Japan, and of the problems resulting from various attempts to adapt those systems to the requirements of Western civilization.

Restricted to Third and Fourth year students.

Second term: 3 hours. *Mr. Brecher*

(*Not given in 1953-54*).

322a. GOVERNMENT OF GREAT BRITAIN. Third or Fourth year (Half course). A study of the institutions and working of parliamentary government in Great Britain.

First term: 3 hours. *Professor Mallory*

323a. GOVERNMENT OF THE BRITISH DOMINIONS. Third or Fourth year (Half course). Institutions and working of parliamentary governments in the British Dominions.

First term: 3 hours. *Mr. Brecher*

324b. GOVERNMENT OF THE BRITISH COLONIAL EMPIRE. Third or Fourth year (Half course). A study of the nature of imperial control, degrees of local self-government, colonial economic development, and development of political institutions.

Second term: 3 hours. *Professor Mallory*

(*Not given in 1953-54.*)

325b. THE GOVERNMENT OF THE UNITED STATES. Third or Fourth year (Half course.) A study of the Constitution, the political institutions, and the working of Congressional Government in the United States.

Second term: 3 hours. *Professor Callard*

331b. THEORY AND PRACTICE OF NATIONALISM. Third or Fourth year (Half course). A study of the conditions which led to the development of modern nationalism, and of the political techniques most commonly employed for the creation and maintenance of national sentiments.

Second term: 3 hours. *Mr. Brecher*

Prerequisite: History 1 or Political Science 311, preferably both.

341a. THE ADMINISTRATIVE PROCESS. Third or Fourth year (Half course). Problems of Organization and Control. A discussion of the problems of administration, especially those arising from increasing size and complexity, which are relevant equally to public and private operations.

First term: 2 hours and conference. *Professor Callard*

No prerequisite.

341b. THE ADMINISTRATIVE PROCESS. Third or Fourth year (Half course). Public Administration. An advances study of administration by governments with examples drawn principally from Canada, U.S.A., and the United Kingdom.

Permission of the instructor required.

Second term: 2 hours and conference. *Professor Callard*

(NOTE: *341a is intended primarily for Third and Fourth year students for the B.Com. degree and those proceeding to Political Science 341b. Supplementary reading will be prescribed in 341a for students concentrating in Political Science who have permission to proceed to 341b.*)

343a. MUNICIPAL GOVERNMENT. Third or Fourth year (Half course). A study of systems of local government in Great Britain, the United States and Canada, and an examination of municipal problems of law, politics, and finance.

First term: 3 hours. *Professor Callard*

344. INTERNATIONAL RELATIONS. Third or Fourth year (Full course). A study of International Organizations, their workings, and the relations between states.

3 hours. *Mr. Brecher*

351. GOVERNMENT OF CANADA. Third or Fourth year (Full course). The working of parliamentary federations in Canada. The problems of federal-provincial relations; the structure of parliamentary government; the evolution of national status.

3 hours. *Professor Mallory*

355a. POLITICAL PARTIES. Third or Fourth year (Half course). A comparative study of the organization, rôle and functioning of political parties and the party system in constitutional states.

First term: 3 hours. *Professor Mallory*

Note—Philosophy 6, Constitutional Law, and Jurisprudence may be offered, by permission of the Department, as courses in Political Science.

CONTINUATION COURSES

Economics and Political Science are regarded as separate disciplines for continuation purposes.

HONOURS COURSES

Students taking full honours in Economics and Political Science take, in the Second year, courses Economics 211H and Political Science 211, together with three other courses approved by the Department. In their Third year they must take Economics 311 and Political Science 311, with one additional approved course in the Department and another approved course outside. In their Fourth year they must take three approved courses in the Department and one approved course outside. The courses offered by the Department in Economic History may be considered "outside" courses for this purpose. Courses in the Third and Fourth years will normally include a regular sequence, and should lead to some specialization in Economic Theory, Economic History, Finance, Labour, Econometrics, Political Theory, Comparative Government, or Public Administration.

Honours students must consult their departmental advisers about the proper planning of their course.

Students taking the full Honours in Economics and Mathematics are required to take two approved full courses in Economics in their Second and every subsequent year, together with the courses in Mathematics or other subject as specified in the announcement of the Department of Mathematics (see page 1112).

Students taking half Honours in Economics or half Honours in Political Science (see page 1024) shall take Economics 211H and Political Science 211H and four full courses, or their equivalent, approved by the Department.

Geography 41a (Economic Geography) is acceptable as an Honours course in Economics in conjunction with either Economics 424b or Economics 432b.

At the conclusion of the Fourth year, there is a comprehensive examination on the total work done in the field of Economics and Political Science, which will take the place of examinations in the courses of that year. In preparation for these examinations, course work will be supplemented during the Third and Fourth years by tutorial instruction. Honours students in Economics or Political Science in the School of Commerce should consult the School of Commerce Announcement.

THE WRITTEN COMPREHENSIVE EXAMINATIONS FOR HONOURS B.A.

1. The intention of the examinations is to discover if the candidates for the Honours degree have both technical competence in some chosen field and a sound general knowledge and understanding of economic and political theory and to discover if they have related their separate studies to one another.

2. The examinations will cover (a) a major field which will be either Economics or Political Science; (b) a minor field which will be either Economics or Political Science, whichever was not elected for the major field, and (c) a special subject which may be: Economic Theory, Economic Policy Labour Economics, Economic History, International Trade, Economic Organization of Canada, Monetary Theory, Banking and Corporation Finance, Statistics and Econometrics, Political Theory, Comparative Government, Canadian Government, The Government of Britain and the Commonwealth, Public Administration, or International Relations.

The examination in the major field will contain questions in:

(a) *Economics:* the subject matter of Economics 211H, 311, and further questions on other branches of Economics.

(b) *Political Science:* the subject matter of Political Science 211H, 311, and further questions on other branches of Political Science.

The examination in the minor field will cover the material of either Economics 211H and 311, or Political Science 211H and 311, and such general material as is suggested by the reading list issued by the Department.

The examination in the special subject will cover the material presented in courses in this subject and such material as is suggested by the reading lists issued by the Department.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

EDUCATION

Professor	JOHN HUGHES, *Chairman*
Associate Professor	A. B. CURRIE
Sessional Lecturers	D. MARCHANT HERBERT
	H. D. LEAD
	RUTH LOW
	CHARLES RITTENHOUSE
	ANNE SAVAGE
	J. H. TAYLOR
	CECIL TEAKLE

NOTE:—There may be certain changes in the courses given for session 1953-54.

DEGREE COURSES

1. GENERAL PRINCIPLES OF EDUCATION. Third, Fourth, or Fifth year. 3 hours. *Professors Hughes and Currie*

2. METHOD AND SCHOOL ORGANIZATION. Fifth year.
3 hours. *Professors Hughes and Currie*

3. PSYCHOLOGY. *Department of Psychology*

PROSPECTIVE HIGH SCHOOL TEACHERS—CHOICE OF SUBJECTS

Students entering the University as matriculants with the intention of becoming High School teachers should consult the Professor of Education (Room W.15, Arts Building) before deciding on their courses. They are strongly recommended to include in their degree studies a course in at least one of the following:

1. **Biblical Literature** (Religion 1a and 1b—see under Religion, page 1139 of this Announcement.)
2. **Psychology**
3. **Sociology**
4. **Philosophy** (*either* Ethics *or* Logic and Scientific Method)
5. **Economics**

All B.Sc. students who are prospective candidates for the High School Diploma are strongly recommended to arrange their undergraduate course so as to include at least one year each in Biology, Chemistry, and Physics.

(Re compulsory courses of the First and Second years—see below.)

Students who, during their undergraduate years, decide to enter the teaching profession should consult the Professor of Education (Room W.15, Arts Building) at the earliest possible opportunity after—*or even before*—their decision is made. It is important that such students take very careful note of the Quebec regulations governing the choice of academic subjects of the First and Second years. (*See below.*)

PROFESSIONAL (METHOD) COURSES

METHODS OF TEACHING SPECIAL SUBJECTS (hours to be arranged).

Courses on the methods of teaching the following special subjects are available for candidates for the High School Diploma: (1) The Humanities (English, French, Classics); (2) Social Sciences (including History, Geography, etc.); (3) Science (Biological and Physical, including Mathematics); (4) Music and Art.

THE TRAINING OF TEACHERS

THE QUEBEC HIGH SCHOOL DIPLOMA

This diploma is valid only in the Protestant Schools of the Province of Quebec. Only those students who may legally teach in Protestant schools should attempt to qualify for this diploma.

Each candidate must (*a*) make application on or before the 20th of July upon the authorized forms, obtainable from the Registrar's Office, Dawson Hall, McGill University, (*b*) be a Canadian citizen or a British subject or satisfy the Central Board that he has begun the necessary proceedings to become such, (*c*) submit a physician's certificate to show that he is in good health and free from physical defects likely to interfere with his usefulness as a teacher, (*d*) be a graduate of an approved University, and have passed for two years the following subjects in his university course, or their equivalents approved by the Central Board of Examiners.*

ACADEMIC PREREQUISITES FOR THE QUEBEC HIGH SCHOOL DIPLOMA*

1. Arts Division

First year

English (obligatory), and any four of the following: French, Geography, History, Latin, Mathematics, or one Physical or Biological Science.

Second year

English and two courses continued from the First year.

2. Science Division

First year

English (obligatory), Mathematics (obligatory), two Physical or Biological Sciences, and one elective subject chosen from History, an acceptable modern foreign language, a third Science subject.

Second year

English and two courses continued from the First year.

(Although not required by these Regulations, it is strongly recommended that B.Sc. students arrange their undergraduate course so as to include at least one year each in Biology, Chemistry, and Physics.)

NOTE:—In order to prevent disruption of educational programmes and to prevent any sudden contraction in the supply of candidates for high school diplomas, it is provided that the new regulations shall become operative at the beginning of the academic year following the passing of

*But see below proviso re exemption for Veteran Students *who are university graduates before leaving the forces.*

the Order-in-Council, and shall apply only to students who register for undergraduate work at the beginning of the said academic year, or later. During the four years immediately following the passage of the Order-in-Council, candidates may qualify either on the basis of the above regulations or on the basis of those formerly in effect.

Order-in-Council for New Regulation passed on March 21st, 1946.

3. B.Com. Students

Academic prerequisites for B.Com. Students who intend to take High School teacher training after graduation are now under consideration. Students interested should apply for details of these requirements to the Professor of Education, Room 19, Arts Building, at the earliest opportunity.

SPECIAL CONCESSIONS FOR VETERANS

Veterans who have degrees in Arts, Science, or Commerce will be eligible for admission to courses leading to High School Diplomas without necessarily complying with the regulation requiring certain courses to be taken during the first two years at college.

(*N.B.—It should be clearly understood that the above concessions are not to be taken as applicable in the case of undergraduate veterans.*)

FURTHER ACADEMIC STUDY

The post-graduation year of training provides opportunities for further academic study, and completion of any academic requirements remaining unfulfilled. (See below, "Credit for M.A. Degree".)

COMPULSORY POST-GRADUATE YEAR OF PROFESSIONAL TRAINING

Every student who desires to proceed to the Diploma will be required to take a post-graduation year of training. The course begins early in September and ends in June.

Candidates for this course are advised to consult the Professor of Education in Room W.15, Arts Building, for further particulars; and are requested to do this, wherever practicable, before April 15th, to make provisional arrangements.

Candidates must fulfil the following requirements:

(1) The successful completion of degree courses 1 and 2 in the Department of Education, and an introductory course in Psychology.

(2) Successful completion of any three of the following five courses in method: (1) French, (2) Science (Biological and Physical), (3) Geography, (4) Music, (5) Art. These courses are held in the Montreal High School and elsewhere at hours to be announced later.

(3) Successful completion, under expert supervision, of such practice teaching and criticism lessons as are required of the candidate by the Department (unless the candidate holds an intermediate diploma or shows an equivalent in successful teaching which would be accepted by the Central Board of Examiners).

The course in Practice Teaching is at present divided into three parts. The first part is taken in the fall of the Fifth year and is carried on in the primary and/or high schools of Greater Montreal. The second part of the course is taken in high schools in mid session. The third part of the course is taken in May and June after the examinations and is carried on in the primary and/or high schools. At present candidates are enabled to take advantage of at least seventy-five half-days of Practice Teaching. The above plan may be changed for 1953-54.

REGULATIONS OF THE PROTESTANT COMMITTEE

The Regulations governing the award of the High School Diploma require that candidates must make application upon the authorized form (which may be obtained at the Registrar's Office, Dawson Hall, McGill University) to Dr. W. P. Percival, Secretary, Protestant Central Board of Examiners, Department of Education, Quebec, P.Q., *on or before the 20th day of July before entering upon the year of training. Candidates are advised to submit with their application forms a full transcript of their academic courses, showing clearly all courses of the First and Second year (whether taken in the First, Second, Third, or Fourth year).*

Students will note that high school certificates shall be interim when issued, and shall be exchanged for permanent diplomas after two years of successful teaching as certified by an inspector. Only those teachers shall be eligible to act as Principals of High Schools who possess permanent High School Diplomas and have attended successfully at least one session at an approved summer school after receiving their interim certificates.

CREDIT FOR M.A. DEGREE

The work done in the year of training for the High School Diploma, if of sufficiently high standard, is helpful to candidates desiring to proceed to the M.A. degree in Education. (See the Announcement of the Faculty of Graduate Studies and Research.)

ELEMENTARY, INTERMEDIATE, AND KINDERGARTEN DIPLOMAS

The training for these diplomas is given by Macdonald College. (See Macdonald College Announcement.)

COURSES FOR TEACHERS OF SPECIAL SUBJECTS

French. A summer school for teachers of French leading to a Specialist Diploma recognized by the Provincial Department of Education.

Kindergarten. (See Macdonald College Announcement.)

Physical Education. (See Announcement of the School of Physical Education.)

Geography. Particulars of the McGill Geography Summer School may be obtained from the Department of Geography, Arts Building, McGill University.

M.A. IN EDUCATION

For details of the M.A. in Education, see the Announcement of the Faculty of Graduate Studies and Research, under "Education."

SCHOLARSHIPS AND BURSARIES

Scholarships and bursaries are now available both for M.A. and Diploma students. Further information may be obtained from the Professor of Education, Room W.15, Arts Building, McGill University.

FEES

Particulars concerning fees will be found in the section headed "Fees" (See page 1031).

ENGLISH

Professors GEORGE IAN DUTHIE, *Chairman*
H. G. FILES

Associate Professors JOYCE HEMLOW
HUGH MACLENNAN

Assistant Professors CONSTANCE BERESFORD-HOWE
LOUIS DUDEK
STEPHEN W. PORTER
S. ERNEST SPROTT

Lecturers KATHLEEN M. FRICKER
HUGH A. MCPHERSON
WINIFRED I. POTTER
MARGERY E. SIMPSON

Note:—In electing courses, the student should bear in mind that (1) some of the English courses cannot be offered in the current session, but

will normally be offered in the next session; and (2) some courses admit only a limited number of students, or require special qualifications for admission. A student who wishes to elect a course but, after examining the Announcement, is uncertain of his eligibility, should consult the instructor responsible for the course.

COURSES FOR STUDENTS IN THE FIRST YEAR

100. ENGLISH LITERATURE (Full course). In the first term the work will consist mainly of (1) a detailed study of Shakespeare's *Macbeth*, and (2) a survey of the life and work of Milton, with a special study of *Lycidas* and the first book of *Paradise Lost*. In the second term the work will consist mainly of a survey of English Literature from 1660 to the present day, with a detailed study of certain works which will be prescribed. In addition, a number of lectures will, in each term, be devoted to Canadian Literature. Students must possess the prescribed textbooks, which are—Shakespeare, *Macbeth*, ed. Verity, Cambridge University Press; Milton, *Paradise Lost, Books I and II*, ed. Verity, Cambridge University Press; Dickens, *Oliver Twist*, any edition; Daiches and Charvat, *Poems in English: 1530-1940*, Ronald Press; Mack, Dean, and Frost, *English Masterpieces*, vol. VIII, 'Prose Miscellany', Prentice-Hall; Dudek and Layton, *Canadian Poems: 1850-1952*, Toronto, Contact Press; Phelps, *Canadian Writers*, McClelland and Stewart.

3 hours. *Professor Duthie and other Members of the Department*

100C. ELEMENTARY ENGLISH COMPOSITION. See p. 1021. Instruction will be given in grammar, syntax, punctuation, paragraphing, etc. Students will be required to write exercises and essays regularly.

1 hour weekly throughout the session.

Professor Duthie and other Members of the Department

Note:—At the beginning of the session students will be required to take a test in Composition. Those who achieve a high standard in this test will be exempted from English 100C. Those who, while not thus exempted, attain a high standard in the work of the first term will be exempted from the course at the beginning of the second term.

150. ELEMENTARY ENGLISH COMPOSITION. This course is especially designed to help students whose native tongue is not English and who have particular difficulty as regards the writing of correct, idiomatic English.

First year students whose native tongue is not English, and whose proficiency in the use of English is not such, in the opinion of the Department, as to enable them to profit adequately from Course 100C, will be directed to substitute Course 150 for Course 100C, or part of Course 150 for part

of Course 100C. First year students not so directed, and students in other years, may, with the permission of the instructor, elect this course; but they cannot gain from it any credit towards a degree.

2 hours weekly throughout the session. *Miss Fricker*

COURSES OPEN TO STUDENTS IN THE SECOND YEAR

200. SHAKESPEARE (Full course). All students taking this course should possess the prescribed textbook which, for 1953-54, is G. B. Harrison, *Shakespeare: Major Plays and the Sonnets* (Harcourt, Brace).

3 hours. *Professor Duthie*

210. ENGLISH LITERATURE IN THE SEVENTEENTH CENTURY (Full course).

3 hours. *Professor Sprott*

220. ENGLISH LITERATURE IN THE EIGHTEENTH CENTURY (Full course).

3 hours. *Professor Files*

(*Not given in 1953-54.*)

230. ENGLISH LITERATURE IN THE NINETEENTH CENTURY (Full course). For second year students exclusively, in either the General or the Honours course.

3 hours.

First term. *Professor Beresford-Howe*

Second term. *Professor Dudek*

240. AMERICAN LITERATURE (Full course).

3 hours. *Professor Files*

(*Given in 1953-54, but probably not in 1954-55*).

250. CREATIVE WRITING—INTERMEDIATE COURSE (Full course).

Hours to be arranged. *Professor Beresford-Howe*

Registration is limited. Students must have the instructor's permission to take this course.

260. DRAMATIC PRODUCTION (Full course). A study of drama from the points of view of director, actor, and designer. The first term will be devoted to discussing and attempting to solve the various problems involved in preparing a given play or plays for production. In the second term the course will include a history of theatrical styles and conventions. The student will be required to present weekly exercises throughout both terms.

3 hours of lectures, plus 3 hours to be devoted to the preparation of exercises. *Professor Porter*

290. THE GREAT WRITINGS OF EUROPE (Full course). For 1953-54 the period studied will be from 1700 to 1900. After a preliminary discussion of Rationalism, some of the great writings of the 18th and 19th centuries in Italy, France, Germany, and Russia will be considered in the light of European Romanticism as a literary and intellectual movement. Guest lecturers from other Departments in the Humanities Group will be invited to deal with individual authors and with special aspects of the subject. English and American literature will be discussed against the European background. Students electing this course should be prepared to undertake a fairly large amount of reading. Ability to read in the relevant foreign languages is desirable, but it is not absolutely essential—a knowledge of the various prescribed texts in translation will be accepted.

2 lectures and 1 conference weekly. *Professor Dudek*

COURSES OPEN TO STUDENTS IN THE THIRD AND FOURTH YEARS

Third and Fourth year students may take any of the courses open to Second year students except Course 230. In addition, the following are available.

300. OLD ENGLISH (Full course). English Language and Literature up to the Norman Conquest. The course includes readings from Anglo-Saxon prose in the first term; and in the second, a study of heroic poetry. The texts used are: Bright, *Anglo-Saxon Reader* and Klaeber (ed.), *Beowulf*. The course is open to Third and Fourth year students taking Honours in English or in English plus another subject. Third and Fourth year students in other categories must have the instructor's permission to take the course. Students who propose to proceed to the M.A. in English should note that, if Course 300 has not been included in their undergraduate work, it must be included in their graduate work.

3 hours. *Professor Hemlow*

305a. CHAUCER (Half course). A study of *The Canterbury Tales*, their sources and analogues. Robinson's text (the Student's Cambridge Edition of the Complete Works) will be used.

First term: 3 hours. *Professor Hemlow*

305b. CHAUCER (Half course). A study of the dream-vision poems and of the Troilus story.

Second term: 3 hours. *Professor Hemlow*

310. MIDDLE ENGLISH (Full course). Studies in Middle English Literature (exclusive of Chaucer). The course is open to students who have taken

either Old English or Chaucer. Emerson, *Middle English Reader* is used in the first term; and in the second, *Gawain and the Green Knight* (Tolkien and Gordon).

3 hours. *Professor Hemlow*

(*Not given in 1953-54.*)

315a. NON-DRAMATIC LITERATURE OF THE FIFTEENTH AND EARLY SIXTEENTH CENTURIES (Half course). Special emphasis will be given to the development of poetic techniques and the growth of humanism.

First term: 3 hours. *Professor Hemlow*

315b. NON-DRAMATIC LITERATURE OF THE LATER SIXTEENTH CENTURY (Half course). Special emphasis will be given to Sidney and Spenser.

Second term: 3 hours. *Professor Hemlow*

In 1953-54 the first term half course will be given, but not the second term half course.

320. THE HISTORY OF THE ENGLISH DRAMA FROM THE BEGINNINGS TO 1642, EXCLUDING SHAKESPEARE (Full course). All students taking this course should possess the prescribed textbooks, which are: (1) J. Q. Adams, *Chief Pre-Shakespearean Dramas* (Houghton Mifflin); (2) W. A. Neilson, *The Chief Elizabethan Dramatists* (Houghton Mifflin); and (3) Marlowe, *Doctor Faustus*, ed. W. W. Greg (Oxford University Press).

3 hours. *Professor Duthie*

325a. SHAKESPEARIAN TEXTUAL PROBLEMS (Half course). The course will deal with the early Shakespearian quartos and folios, the nature of the manuscripts from which they were printed, and the principles which should guide a modern editor in arriving at an authentic text of the plays. The course is open to Third and Fourth year students and to graduate students, course 200 being a prerequisite. In special cases, with the instructor's permission, it may be taken by Second year students and by students in subsequent years who have not previously taken course 200.

First term: 3 hours. *Professor Duthie*

(*Not given in 1953-54.*)

330. ENGLISH DRAMA FROM 1660 TO THE PRESENT (Full course).

3 hours. *Professor Porter*

331. CONTINENTAL EUROPEAN AND AMERICAN DRAMA FROM IBSEN TO THE PRESENT (Full course).

3 hours. *Professor Porter*

335. THE ENGLISH NOVEL FROM THE BEGINNINGS TO THE PRESENT TIME (Full course). This course includes some reference to foreign work and to related literary types.

3 hours. *Professor Files*

(*This course will be offered in 1953-54, but not in the session of 1954-55.*)

336b. THE SHORT STORY (Half course). The history of the short story in English, with some reference to foreign work and to related literary types. Twentieth Century forms and techniques will be emphasized.

Second term: 3 hours. *Professor Beresford-Howe*

340. STUDIES IN LITERATURE SINCE 1900 (Full course). Contemporary authors, English and American, with special emphasis on novelists and dramatists. English 335 is recommended as a suitable preparation for this course; and students who have not taken that course should receive the instructor's permission to take course 340.

3 hours. *Professor Files*

(*Not given in 1953-54.*)

341. CANADIAN LITERATURE (Full course).

3 hours. *Professors MacLennan and Dudek*

345. ENGLISH PROSE FROM BACON TO THE PRESENT (Full course). The purpose is to trace the development of prose expression, using a number of authors as representative of each period. The emphasis is almost entirely on the prose of non-fiction, until the twentieth century, when the prose of the modern novel is also examined.

3 hours. *Professor MacLennan*

350. MILTON (Full course). Opportunity will be offered for study of the development and achievement of Milton, the man and artist, in his relations to Classicism, Puritanism, and Christian Humanism. The text recommended is F. A. Patterson (ed.), *The Student's Milton* (N.Y., 1947). Books suggested for preliminary reading are *Paradise Lost*, and J. H. Hanford, *John Milton, Englishman* (N.Y., 1949) or E. M. W. Tillyard, *Milton* (Lond., 1930).

3 hours. *Professor Sprott*

355a. THE ART OF POETRY (Half course). This half course deals with the principal classic statements on the theory and nature of poetry, and with contemporary theory and criticism, in so far as these lead to more sensitive reading and technical appreciation. The development of poetic

forms and techniques is considered. Though the course is intended for students of literature generally, the practising writer will find it useful: students are encouraged to submit work of their own for critical discussion in conference.

First term: 3 hours. *Professor Dudek*

360a. ENGLISH POETRY AND SOCIETY—1798-1850 (Half course).

First term: 3 hours.

(*Not given in 1953-54.*)

360b. ENGLISH POETRY AND SOCIETY—1850 TO THE PRESENT TIME (Half course). English 360a and 360b will consist of an examination of the major long poems in relation to their times.

Second term: 3 hours.

(*Not given in 1953-54.*)

365a. BRITISH POETS OF THE TWENTIETH CENTURY (Half course).

First term: 3 hours. *Professor Dudek*

365b. AMERICAN POETS OF THE TWENTIETH CENTURY (Half course).

Second term: 3 hours. *Professor Dudek*

370. THE CULTURE AND LITERATURE OF THE RENAISSANCE (Full course). 3 hours.

(*Not given in 1953-54.*)

375. THE INFLUENCE OF ENGLISH UPON EUROPEAN LITERATURE IN THE 18TH AND 19TH CENTURIES (Full course).

3 hours.

(*Not given in 1953-54.*)

380. A STUDY OF SOME LITERARY TYPES, FROM THE RENAISSANCE TO THE PRESENT DAY (Full course).

(*Not given in 1953-54.*)

385. HISPANIC CONTACTS WITH EUROPEAN LITERATURE (Full course). In 1953-54 the course will deal specifically with the Spanish background of English Literature. A study will be made of certain Spanish literary genres and specific authors whose influence on English Literature was marked. Special emphasis will be laid upon the Romance of Chivalry, the Picaresque Novel, the Sword-and-Cape Drama, and the figures of

Don Quixote and Don Juan. A reading knowledge of Spanish will be helpful, but is not essential.

3 hours. *Dr. Potter*

395. CREATIVE WRITING—ADVANCED COURSE (Full course). An advanced course open to a limited number of undergraduate students who appear well qualified for mature creative writing. Application for permission to take this course should be made at the beginning of the session. *Registration is limited.*

Hours to be arranged. *Professor Files*

HONOURS CURRICULUM IN ENGLISH

A student wishing to take full Honours in English must, during his Second, Third, and Fourth years, take a total of ten courses approved by the Department. These must include Courses 200, 210, 220, 230, 305a, 315a or b, 340. The remaining four of the ten courses are to be elected from those approved as Honours courses by the Department, and may in fact be chosen, in whole or in part, from courses offered by another Department or other Departments (see Cognate Courses below). It should be noted that, of the required courses indicated above, English 220 and 340 will not be given in 1953-54, but will be offered again in 1954-55.

The normal procedure is that the student takes two English courses in his Second year—Course 230 and one other from the list of Second year courses; and he takes four courses in each of his Third and Fourth years.

ENGLISH REQUIREMENTS FOR HONOURS IN ENGLISH AND ANOTHER SUBJECT

A student wishing to take Honours in English and another subject must, during his Second, Third, and Fourth years, take a total of five English courses. These must include Courses 200, 230, and one other chosen from 210, 220, 305 (full course), and 340. The remaining two of the five English courses must be chosen with the approval of the Department.

The normal procedure is that the student takes Course 230 in his Second year, and two English courses in each of his Third and Fourth years.

HONOURS COURSES IN ENGLISH WITH CONCENTRATION ON COMPARATIVE LITERATURE

The Honours degree in English with concentration on Comparative Literature has been discontinued.

COGNATE COURSES

Certain courses offered by other Departments will be accepted for the English Honours degree. The attention of students is called to the following examples of recommended courses:

CLASSICS 20. CLASSICS IN TRANSLATION (Full course). Greek and Latin literature in translation. For Second, Third, or Fourth year Students.

3 hours. *Professor W. D. Woodhead*

For particulars see the course as listed under the Department of Classics (page 1055).

LINGUISTICS 21. INTRODUCTION TO THE STUDY OF LANGUAGE (Full course). For Second and Third year students.

3 hours. *Professor C. H. Carruthers*

For particulars see the course as listed under the Department of Classics (page 1055).

GERMAN 6. A GENERAL SURVEY OF GERMAN LITERATURE FROM LESSING TO MODERN EXPRESSIONISM (Full course). For Second and Third year students.

3 hours *Professors W. L. Graff and Bertha Meyer*

This course is given in English. See listing under Department of German (page 1097).

HISTORY 15. THE HISTORY OF EUROPEAN THOUGHT SINCE THE RENAISSANCE (Full course). Properly qualified non-Honours students may be admitted to this course with the consent of the instructor.

3 hours. *Professor W. S. Reid*

For particulars see the course as listed under the Department of History (page 1101).

ITALIAN 25. ITALIAN LITERATURE FROM THE ORIGINS TO MACHIAVELLI (Full course). Studies in Dante, Petrarca, Boccaccio, and Machiavelli, with special emphasis on the civilization of the Middle Ages and the Renaissance.

3 hours. *Professor Antonio D'Andrea*

For particulars see the course as listed under the Department of Romance Languages (page 1147).

PHILOSOPHY 4. AESTHETICS (Full course).

3 hours. *Professor T. G. Henderson*

For particulars see the course as listed under the Department of Philosophy (page 1117).

FINAL GENERAL EXAMINATION

Every candidate for Honours in English, or in English and another subject, must, if so required by the Department, pass, near the close of his last year, a general examination in English, either oral or written, conducted by a committee of the Department.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

FINE ARTS

Associate Professors	JOHN LYMAN, *Chairman* WINTHROP O. JUDKINS
Assistant Professors	ARTHUR LISMER GUY VIAU
Sessional Lecturer	GORDON WEBBER
Demonstrator	AUDREY TAYLOR

161. FUNDAMENTALS IN DRAWING. First year (Full course). Life drawing; elementary structural anatomy; principles of composition.

4 hours. *Professors Lyman and Viau*

Prerequisite to the continuation course in Drawing and Painting.

201. INTRODUCTION TO ART. May be taken in Second, Third or Fourth year (Full course). The aim of this course is to develop the student's understanding and perception of the work of art as a visual medium of expression; and to observe and analyze the sequential development underlying the history of art and its principal epochs up to the present time.

Lecture course supplemented by discussions, written reports and assigned reading.

3 hours. *Professor Judkins*

261. DRAWING AND PAINTING. Second year (Full course). Life painting; materials and methods—theory and workshop practice; colour as language —physical, physiological, and psychological factors; composition.

9 hours. *Professors Lyman and Viau*

Prequisite: Fine Arts 161 or permission of the instructor.

301. MODERN ART. Third and Fourth years (Full course). The modern movement in painting, sculpture, and architecture (with its attendant

applied arts): its emergence (from about 1850), problems, character, and place in the continuity of art history.

The work will be conducted through lectures, discussions, reading, and reports.

3 hours. *Professor Judkins*

Prerequisite: Fine Arts 201.

361. DRAWING AND PAINTING. Third year (Full course). No restrictions on medium. Evolution of the tradition of colour and light in painting; free and designated projects in composition.

9 hours. *Professors Lyman and Viau*

Prerequisite: Fine Arts 261.

371. DESIGN (Full course).

6 hours. *Mr. Webber*

Prerequisite: Fine Arts 261.

(*Not given in 1953-54.*)

391. TEACHING METHODS IN ART (Full course). Time spent in observation under expert supervision will be divided between the Art Centre of the Montreal Museum of Fine Arts and the elementary and high schools of Montreal and vicinity.

2 hours, plus observation, apprentice teaching, and reports.

Professor Lismer

(*Not given in 1953-54.*)

401a. HISTORY OF ART. Third or Fourth year (Half course).

3 hours. *Professor Judkins*

Prerequisite: Fine Arts 201.

401b. VENETIAN PAINTING OF THE RENAISSANCE. Third or Fourth year (Half course). A study of the Venetian school of painting from its late beginnings through the sixteenth century, including influences from the East and particularly from the North. Emphasis will be placed upon the greater names in the school, and attention given to its technical contribution to the Western tradition as well as its role in the development of the Baroque style.

3 hours. *Professor Judkins*

Prerequisite: Fine Arts 201.

461. DRAWING AND PAINTING. Fourth year (Full course). Emphasizes free and designated projects in composition for paintings, murals, illustrations, etc.

9 hours. *Professors Lyman and Viau*

Prerequisite: Fine Arts 361.

471. DESIGN (Full course).

5 hours. *Mr. Webber*

Prerequisite: Fine Arts 371.

491. TEACHING METHODS IN ART (Full course). The course will comprise the planning of art projects for use in school and community art centres as well as consideration of methods of school management and discipline. Practice teaching under expert supervision will be provided at the Art Centre of the Montreal Museum of Fine Arts and affiliated community centres, as well as in the elementary and high schools of Montreal and vicinity.

2 hours, plus practice teaching. *Professor Lismer*

Prerequisite: Fine Arts 391.

499. THESIS.

Note: *Except by special consent of the instructor, supplementary examinations will not be given in the following courses: Fine Arts 161, 261, 361, 371, 461, 471.*

COURSES REQUIRED FOR B.F.A. STUDENTS

See pages 1027 and 1028.

FINE ARTS AS A CONTINUATION SUBJECT FOR THE B.A. DEGREE.

Students will be required to take Fine Arts 261, 361 and 461. Save by special consent of the Department, Fine Arts 161 is a prerequisite to 261.

FINE ARTS AS AN HONOURS SUBJECT

Students who take Honours in Fine Arts and another subject will take the following courses in Fine Arts:

First year:	Fine Arts 161. First year students intending to take Honours should consult the Department before the end of the session.
Second year:	Fine Arts 201 and 261.
Third year:	Fine Arts 301, or 401a and b, and 361.
Fourth year:	Fine Arts 301, or 401a and b (whichever was not taken in Third year), and 461.

FINE ARTS AS AN ELECTIVE SUBJECT FOR THE B.A. DEGREE.

Fine Arts 201, 301, 401a and b.

GENETICS

Associate Professor	J. W. Boyes, *Chairman*
Assistant Professors	E. R. Boothroyd
	F. C. Fraser
	H. M. Slatis
Demonstrator	J. D. Metrakos

21a. INTRODUCTION TO GENETICS (Half course). Basic principles of Genetics plus laboratory experience with problems and practical work.

First term: 3 hours, a 2-hour laboratory period. *Professor Boyes*

Prerequisites: A half course in biology such as Botany 11a *or* 11b *or* Zoology 11a *or* 11b.

Text: Srb and Owen, General Genetics.

21b. HUMAN HEREDITY AND EVOLUTION (Half course). Human heredity with particular reference to disease, mental conditions, and eugenics; introduction to the theory of evolution in the light of genetic principles.

Second term: 3 hours. *Professor Boyes*

Prerequisite: Genetics 21a.

32a. CYTOLOGY (Half course). The protoplasmic organization of the animal and plant cell.

First term: 2 hours and a 3 hour laboratory period. *Professor Boothroyd*

Prerequisite: Genetics 21a.

Texts: Sharp, Fundamentals of Cytology, or DeRobertis, Nowinski, and Saez, General Cytology.

32b. CYTOLOGICAL TECHNIQUE (Half course).

Second term: 6 hours laboratory *Professor Boothroyd*

Prerequisite: Genetics 32a unless special permission is obtained from the instructor.

36. DEVELOPMENTAL GENETICS (Half course). Studies in the genetic control of development and differentiation.

The equivalent of 1½ hours each week throughout the session.

Professor Fraser

Prerequisites: Genetics 21a. Zoology 22b or a suitable alternative should be taken previously or concurrently.

43b. ADVANCED GENETICS AND CYTOGENETICS (Half course). Advanced work, including linkage, polyploidy, apomixis, hybridization, and irradiation effects.

Second term: 3 hours *Professor Boyes and Staff*

Prerequisites: Genetics 21a and 32a.

(*Not given in 1953-54.*)

44. BIOMETRY (Full course). Elementary statistics and their application to problems in Biology.

2 hours and 3 hours of computation to be arranged. *Professor Slatis*

Prerequisites: A university course in one of the Biological sciences, and Mathematics 11, or the equivalent.

45a. GENETIC INTERPRETATION OF THE MECHANICS OF EVOLUTION (Half course).

First term: 3 hours. *Professor Boyes*

Prerequisites: Genetics 21a, and 32a which may be taken concurrently.

Text: Dobzhansky, Genetics and the Origin of Species, 3rd. ed.

45b. POPULATION GENETICS (Half course). The rules governing the establishment of genetic equilibrium and the application of these rules to the study of evolution. Emphasis on human genetic studies.

Second term: 3 hours. *Professors Slatis and Fraser*

Prerequisite: Genetics 45a.

47a or b. SPECIAL TOPICS (Half course).

This course is for advanced students of high standing who wish to read extensively in a particular field or undertake a minor research problem in Genetics or Cytology. *The Staff*

53. ADVANCED CYTOLOGY (Half course). The physical and chemical properties of the structural components of the cell and the techniques used in their investigation. Discussions of experimental studies of particular cell structures such as the Golgi apparatus, the mitochondria, the chloroplast, the secretion products, the cell membrane, the nucleus and the chromosomes.

Two hours per week (including demonstrations and seminar periods) throughout the session.

This course is given jointly by the Departments of Anatomy and Genetics, with the co-operation of the Departments of Biochemistry, Botany, Physiology, and Zoology.

Prerequisites: Genetics 32a or Zoology 22a or Anatomy 1a or the equivalent.

Available to Fourth year students in Arts and Science who have at least second class standing.

HONOURS COURSE

Students who contemplate graduate studies and research in Genetics or Cytology are advised to consult the Chairman of the Department before the end of their second year.

CONTINUATION COURSES

Second year: Genetics 21a and 21b.
Third year: Genetics 32a, 32b, 36.
Fourth year: Genetics 43b, 44, 45a, 45b, 47a, 47b, or 53.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

GEOGRAPHY

Professor	F. K. HARE, *Chairman*
Associate Professors	J. B. BIRD
	BOGDAN ZABORSKI
Lecturers	THEO L. HILLS
	W. F. SUMMERS
Sessional Lecturer	SVENN ORVIG
Research Fellow	P. D. BAIRD

FIRST YEAR

12. THE ELEMENTS OF PHYSICAL GEOGRAPHY (Full course). Scientific study of man's habitat. The course is divided into two main parts:

A. The origin and world distribution of landforms developed under different climates. Major earth resources: water, soils, and minerals.

B. Climate and weather; physical processes and properties of atmosphere. The principal climatic belts of the world. Significance of climate as a factor influencing human settlement.

3 hours. *Professor Bird and Mr. Summers*

(In Science Division.) *No prerequisite.*

SECOND AND THIRD YEAR

21. THE ELEMENTS OF SOCIAL GEOGRAPHY (Full course). Scope and aims of social geography: affinity to other sciences. Nature of physical environment and of man-land relationships. World distribution of foods, raw

materials, and fuels in relation to changing needs of industry, commerce, and population. Problems of land use and resource conservation. Select areal studies illustrating the role of geography in modern economic life.

3 hours (For Arts and Science students). *Professor Bird and Mr. Hills*

3 hours (For Commerce students). *Professor Hare and Mr. Hills*

(In Arts Division) *No prerequisite.*

22. PRACTICAL GEOGRAPHY (Full course). The construction and properties of common map projections. The analysis of topographic maps and aerial photographs. Reconstruction of cultural landscape from cartographic evidence. Special purpose maps: e.g., land use, commodity, population, etc.; their construction and interpretation.

1 hour and laboratory periods. *Mr. Summers*

(In Science Division) *No prerequisite.*

THIRD AND FOURTH YEAR

In courses 31, 34a, 35, 37 and 39 the general principles set forth in courses 12 and 21 are applied to specific environments. These are studied primarily from the standpoint of their physical and cultural distributions, including the areal localisation of ways of living, past and present. The importance of the environment in human affairs is assessed, and the findings applied to contemporary problems.

31. THE GEOGRAPHY OF NORTH AMERICA (Full course).

3 hours. *Professor Bird*

(In Arts Division) *Prerequisite:* Geography 12 or 21.

32. MAP INTERPRETATION AND CARTOGRAPHY (Full course). A detailed study of the interpretation of aerial photographs. Photogrammetric techniques. The topographic maps of Great Britain, the United States, Canada, and Europe.

1 hour lecture and laboratory periods. *Mr. Summers*

(In Science Division) *Prerequisite:* Geography 22.

34a. THE GEOGRAPHY OF LATIN AMERICA (Half course).

First term: 3 hours. *Professor Zaborski*

(In Arts Division) *Prerequisite:* Geography 12 or 21.

35. THE GEOGRAPHY OF EUROPE (Full course).

3 hours. *Professor Zaborski*

(In Arts Division) *Prerequisite:* Geography 12 or 21.

37. THE GEOGRAPHY OF THE FAR EAST (Full course).
3 hours. *Professor Zaborski*
(In Arts Division) *Prerequisite:* Geography 12 or 21.
(*Not given in 1953-54.*)

39. THE GEOGRAPHY OF THE U.S.S.R. (Full course).
3 hours. *Professor Zaborski*
(In Arts Division) *Prerequisite:* Geography 12 or 21.

41. ECONOMIC GEOGRAPHY (Full course). The course is in two parts, of which the *first only* may be taken as a half course.

A. *First term.* The content and methodology of Economic Geography. The influence of geographical factors on economic activity. Land use and occupations of mankind. Types of agriculture as influenced by natural conditions and historic developments. Factors influencing location of industries.

B. *Second term.* Regional survey of the economic geography of a chosen continent. Comparisons with conditions and developments in North America. Short field trips in the Montreal area will be arranged.
3 hours. *Professors Hare and Zaborski*
(In Arts Division) *Prerequisite:* Geography 12 or 21.

42. THE TECHNIQUE OF REGIONAL STUDIES (Full course). The idea of regional survey. Surveys of land use. Classification of land types. Geographical significance of resource conservation. Study of existing regional surveys and projects: the Land Utilisation Survey of Great Britain, the Tennessee Valley Authority, and other North American projects. A regional study will be made of a selected area in Canada.
3 hours. *Mr. Summers*
(In Science Division) *Prerequisite:* Geography 22 *and* 12 *or* 21 *or* Geology 121.

43. HISTORICAL GEOGRAPHY (Full course). Relations among man, habitat, and economy in early, medieval, and modern times. Reconstructing the geographical milieu of past cultures. Geographical conditioning of historic trade routes, migrations and colonisations. Climate and civilisation.
3 hours. *Professor Bird*
(In Arts Division) *Prerequisite:* Geography 21.

44. METEOROLOGY (Full course). Physical properties of the atmosphere. Radiation and the heat balance; the causes of atmospheric circulation. Vertical motion in the atmosphere, and formation of clouds and rain.

Winds and pressure distribution. General circulation of atmosphere and development of fronts. Anticyclones and depressions. Climates of the world: regional meteorology. Use of meteorological instruments. International codes and plotting symbols. Practical work on synoptic charts from selected daily records.

3 hours. *Professor Hare and Mr. Orvig*

(In Science Division) *This course has been designed primarily for Honours students in Mathematics and Physics, but other properly qualified students may register for it with the written permission of the Chairman of the Department.*

45b. POLITICAL GEOGRAPHY (Half course). Political Geography as a branch of Geography. Historical development of views concerning the relations between environment and nation. The concept of the nation and the geographical approach to the problems of the development and conflict of nations. The changing map of the world. Geographical aspects of some modern national problems.

Second term: 3 hours. *Professor Zaborski*

(In Arts Division) *Prerequisite:* Geography 12 or 21.

46. CLIMATOLOGY (Full course). Systematic and regional study of world climates, with special reference to the northern hemisphere. Principles and methods of dynamical, physical, and bio-climatology. Major features of world circulation. Climatic classification: systems of Köppen and Thornthwaite. Physiological significance of climate for plant and animal kingdoms, including man. Climate and hydrology: run-off, evaporation, and percolation.

3 hours. *Professor Hare and Mr. Orvig*

(In Science Division) *Prerequisite:* Geography 12 *or* Geology 121.

HONOURS COURSES

First year students intending to take Honours in Geography should consult the Department before the end of the session. Such students will normally be required (1) to have passed Geography 12 with at least good second class standing, or to have its equivalent before being permitted to take Honours, and (2) to make their selection of second, third, and fourth year courses from the following list. In addition, all Honours students entering their final year are required to participate in the annual field trip held immediately before the beginning of the Session.

B.Sc. Students

Second year: Geography 22, 31, Geology 121, Botany 11a and b, *and one of the following:* Economics 100 or 211g; History 1, 2 or 3; Political Science 211h.

Third year: Geography 32, 35 or 37, 39, Geology 342a, Botany 21, *and one other course in* Zoology, Mathematics, or Physics.

Fourth year: Geography 41 or 44, 42, 46, 45b or 43, and one other course in a field selected by the student.

B.A. Students

Second year: Geography 22, 31, Geology 121, History 1 *or* Sociology 21, Economics 211g *or* Political Science 211h. In special cases a modern language will be accepted in lieu of Sociology, Economics, or Political Science.

Third year: Geography 32, 34a, 35 or 37, 39, and one other course in History, Economics, Sociology, Political Science, or a modern language.

Fourth year: Geography 41, 42, 45b or 43, 46. One other course to be selected by the student.

N.B.—The order in which the above courses are taken may be changed if timetable conflicts arise.

CONTINUATION COURSES

For B.A. students taking continuation in Geography:

Second year: Geography 21, 12 or 22.

Third year: Geography 22 or 32, 31, 34-39.

Fourth year: Geography 42, 41, 43, 46 or 45b.

For B.Sc. students taking continuation in Geography:

Second year: Geography 12 or 22, 21.

Third year: Geography 31, 32 or 22, 34-39.

Fourth year: Geography 42, 44, 46.

Students taking Geography as a continuation subject are advised to consult with the Departmental Chairman before completing registration.

GEOLOGICAL SCIENCES

Professors	T. H. Clark, *Chairman* J. E. Gill E. H. Kranck
Associate Professor	J. S. Stevenson
Assistant Professors	J. E. Riddell V. A. Saull C. W. Stearn
Demonstrator	

121. GENERAL GEOLOGY (Eng. Fac. 1122) (Full course). First or Second year. The Earth and the Solar System. Its composition by minerals and rocks. Erosive forces (weather, wind, rivers, waves, etc.) modifying its surface, and deformative factors (temperature, compression, etc.), affecting its subsurface structure are thoroughly treated. The origin and historical development of the earth and of living things are briefly considered. The economic aspects of all phases of the subject are treated throughout the course.

2 hours lectures and 2 hours laboratory, sections to be announced at first meeting; four excursions during October. *Professor Clark*

Text: Longwell, Knopf, Flint, Physical Geology, 1948 (Wiley).

221. MINERALOGY (Fac. Eng. 1124 and 1142). Second year (Full course). Lectures: crystallography; physical properties and chemical composition of minerals, the more important ore minerals, industrial minerals, rock-forming minerals, uses and source of supply of economic minerals. Laboratory: methods for the determination of the constituents of minerals by blowpipe analyses and by related chemical tests, application of these plus physical characters in the identification of minerals.

2 lectures, 3 hours laboratory per week, session. *Professor Stevenson*

Text: Dana (Hurlbut), Manual of Mineralogy (Wiley).

231a. FIELD GEOLOGY (Fac. Eng. 1145). Second or Third year (Half course). Surface and underground geological field survey methods. Preparation of geological maps, sections, models, and reports from field notes, diagrams, aerial photographs, etc.

First term: 1 lecture and 6 hours laboratory per week. During the first 6 weeks the laboratory work is replaced by field work. *Professor Riddell*

Prerequisites: Surveying 324 and 352, Geology 121, 221.

References: Lahee, Field Geology (McGraw-Hill); McKinstry, Mining Geology (Prentice-Hall).

232b. STRUCTURAL GEOLOGY (Fac. Eng. 1146). Second or Third year (Half course). A systematic survey of rock structures, their origins and practical importance. Laboratory period will be devoted to practical problems.

Second term: 2 lectures and 1 laboratory period. *Professor Gill*

Prerequisites: Geology 121, 221.

Text: Billings, Structural Geology (Prentice Hall).

223b. HISTORICAL GEOLOGY. Second or Third year (Half course). Earth origin. Geological time and timetable. Principles of correlation. Index fossils. Origin and development of continents and oceans; geosynclines, epicontinental seas, and coastal plains; terrestrial sediments. Paleogeography and paleogeology. The main part of the course will deal first with the physical development, period by period, of North America, with brief attention to other continents, and second, with the attendant evolution of life as revealed by fossils.

Second term: 2 lectures and one two-hour laboratory period.

Professor Stearn

Prerequisite: Geology 121.

Text: Dunbar, Historical Geology, 1949 (Wiley).

331a. OPTICAL CRYSTALLOGRAPHY. Third or Fourth year (Half course). Topics covered in the lectures include refraction and double refraction, polarization of light, and the nature of and reason for the various optical characters exhibited by crystals. The laboratory course gives practice in the determinations of these characters, using the polarizing microscope, axial angle and other instruments.

First term: 1 lecture and 2 two-hour laboratory periods.

Professor Stevenson

Prerequisites: Geology 121, 221.

References: Larsen and Berman, Microscopic Determination of Non-opaque Minerals, 1934 (Bull. 848, U.S. Geol. Surv.); Wahlstrom, Optical Crystallography, 1951 (Wiley); Winchell, Elements of Optical Mineralogy, Part I, 1937 (Wiley).

332a. PETROLOGY (Fac. Eng. 1144). Third year (Half course). The common igneous, sedimentary, and metamorphic rocks are described and their modes of occurrence discussed. In the laboratory, the student learns to identify such rocks by methods used in the field.

Second term: 2 lectures and 1 laboratory period. *Professor Kranck*

Prerequisites: Geology 121, 221.

Text: G. W. Tyrrell, The Principles of Petrology, 1949.

333b. PETROGRAPHY (Fac. Eng. 1148). Third year (Half course). The examination and identification of rock minerals and rocks by means of the petrographic microscope.

Second term: 2 lectures and 1 laboratory period. *Professor Kranck*

Prerequisite: Geology 332a.

Textbook: Rogers and Kerr, Optical Mineralogy.

341b. PALEONTOLOGY. Fourth year (Half course). The development of ideas concerning the origin of fossils. Kinds of fossils. Collecting, preparation, and naming of fossils. Brief survey of systematic paleontology, following the standard biological classification, with emphasis on fossil animals. The stratigraphic and economic importance of paleontology. The influence of paleontology upon the doctrine of evolution.

Second term: 2 lectures, 1 laboratory period, and one day's field work in April. *Professor Clark*

Prerequisites: Geology 121, or Zoology 11.

Text: Twenhofel and Shrock, Invertebrate Paleontology, 1935 (McGraw-Hill).

342a. GEOMORPHOLOGY. Third or Fourth year (Half course). A study of the surface features of the earth, their origins, changing aspects, and influence on human activities. Special attention is given to the significance of various land forms in relations to soils, bedrock, rock structure, and the distribution of natural resources. Maps, photographs, and local topographies provide illustrations.

First term: 2 lectures and 1 laboratory period. *Professor Riddell*

Prerequisite: Geology 121.

Text: Lobeck, Geomorphology, 1939 (McGraw-Hill).

343a. STRATIGRAPHY. Third or Fourth year (Half course). The principles of sedimentation. Weathering; sources and origin of sedimentary rocks; significance of their textures and structures. The structural relationship of strata; areal distribution of sedimentary rocks. Reference is made throughout the course to matters of economic importance.

First term; 2 lectures, 2 hours laboratory, and 2 full days of field work during October. *Professor Clark*

Prerequisites: Geology 121, 221.

Texts: Twenhofel, Principles of Sedimentation, 2nd ed.; Pettijohn, Sedimentary Rocks.

344b. MINERALOGRAPHY. Fourth year (Half course). Identification of ore minerals in polished sections by means of the reflecting microscope and microchemical analysis; interpretation of their textural relationships and paragenesis.

Second term: 1 lecture and two 2-hour laboratory periods.

Professor Stevenson

Prerequisites: Geology 331a or permission of instructor.

Text: Short, Microscopic Determination of the Ore Minerals (U.S. Geological Survey Bulletin 914, 1940).

345b. CORRELATION. Third or Fourth year (Half course). Stratigraphic terminology. Correlation by lithological means: facies changes, subsurface geophysical methods, etc. Correlation by fossils, micropaleontologic methods, facies faunas, paleontologic limitations. Paleogeography and paleogeology. Throughout the course special consideration will be given to correlation as developed by the petroleum geologist.

Second term: 2 lectures, 2 hours laboratory, and 2 days' field work during April or May. *Professor Stearn*

Prerequisite: Geology 121, 233b, 343a.

Text: Krumbein and Sloss, Stratigraphy and Sedimentation, 1951 (Freeman).

441. ORE DEPOSITS (Fac. Eng. 1162). Fourth year (Full course). Nature origin, mode of occurence, and classification of deposits of metallic and of important non-metallic minerals; typical occurrences; geographical distribution.

2 lectures and 1 laboratory period per week. *Professor Gill*

Text: Bateman, Economic Mineral Deposits, 1950 (Wiley).

Prerequisites: Geology 231a, 332a.

References: Emmons, Principles of Economic Geology, 1940 (McGraw-Hill); Bateman, Economic Mineral Deposits, 1942 (Wiley).

442b. GEOLOGY AND NATURAL RESOURCES OF CANADA (Fac. Eng. 1160). Fourth year (Half course). A systematic survey of the surface features, soils, bedrock geology, mineral resources, forests, water powers, and other resources of Canada. Maps and photographs are used to illustrate the course.

Second term: 2 lectures and 1 laboratory period. *Professor Riddell*

Prerequisites: Geology 232b, 233b, 332a.

443b. EARTH PHYSICS (Half course). Physical properties of the earth, and the processes associated with its existence, as inferred from astronomy, geodesy, seismology, geology, meteorology, terrestrial magnetic and thermal effects, geochemistry, etc. Hypotheses and theories based upon or explaining the above. Critical evaluation of these hypotheses and theories.

Second term: 3 lectures per week, one of which may be replaced by a conference. *Professor Saull*

Prerequistes: Geology 121, Mathematics 224, Physics 21, Chemistry 24.

HONOURS COURSE IN GEOLOGY

Students intending to take Honours in Geology should discuss the matter with Professor Clark before registering in the second year.

Prerequisite: At least a good second class standing in Chemistry 11, Physics 11 and Mathematics 111.

Second year: Geology 121 (General Geology), 221 (Mineralogy), Chemistry 24 (Physical), Mathematics 224 (Calculus), Engineering 324 (Surveying), Engineering 352 (Surveying Field School—2 weeks), Physics 21 (General course).

Third year: Geology 231a (Field Geology), 232b (Structural), 233b (Historical), 331a (Optical Crystallography), 332a (Petrology), 333b (Petrography), Chemistry 73a (Qualitative Analysis), 73b (Quantitative Analysis), Engineering 375 (Surveying), 377 (Surveying Field School—2 weeks), and one Arts course.

Fourth year: Geology 341b (Paleontology) or 344b (Mineralography), 342a (Geomorphology), 343a (Stratigraphy), 345b (Correlation), 441 (Ore Deposits), 442b (Geology and Natural Resources of Canada), 443b, Physics 47a (Applied Geophysics), one Arts course.

If Geology 121 is taken in the First year, advanced courses may be taken in the Second and Third years, as advised.

HONOURS COURSE IN PHYSICS AND GEOLOGY

First year: Physics 22 (Heat, Light, Sound)—if possible rather than Physics 11; Mathematics 113 (Adv. Trig. Algebra)—if possible rather than Mathematics 111; Chemistry 11 (General Chemistry); English 100 (English Literature) plus 100c (English Comp.); Geology 121 (General Geology); Surveying 324 and 352=extra half course—5½ *courses in all.*

Second year: Physics 23 (Electricity and Magnetism); Mathematics 225 (Calculus); Physics 24 (Dynamics); Physics 25 (Statics and Hydrostatics); Geology 221 (Mineraolgy); Geology 231a (Field Geology); Geology 232b (Structural Geology); Geology 233b (Historical Geology); Surveying 376 and 377 = extra half course—*6 courses in all.*

Third year: Physics 32 (Properties of Matter); Physics 31a (Statics, Dynamics); Physics 45 (Advanced Light); Physics 47a (Applied Geophysics); Mathematics 334a (Differential Equations); Geology 332a (Petrology); Geology 333b (Petrography); Geology 331a (Optical Crystallography); Chemistry 24 (Physical Chemistry (Elementary))—*6 courses in all.*

NOTE: A Third year laboratory in Geophysics may be provided.

Fourth year: Physics 43a (Atomic Physics); Physics 44b (Radioactivity); Physics 33 (Electrical Measurements); Physics 41 (Mathematical Physics) *or* Chemistry 44 (Adv. Physical Chemistry); Geology 441 (Ore Deposits); Geology 343a (Stratigraphy); Geology 345b (Correlation); Geology 443b (Earth Physics); Geology 442b (Geology and Natural Resources of Canada)—*6 courses in all.*

Summer work (in addition to Surveying Summer School):

Two seasons' work on Geological Field Parties and one season's work on a Geophysical Field Party to be undertaken at the earliest opportunity in the course.

CONTINUATION COURSES

Second year: Geology 121, or 221.

Third year: Geology 231a to 442b.

Fourth year: Geology 231a to 442b.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

GERMAN

Professor W. L. GRAFF, *Chairman*

Assistant Professor BERTHA MEYER

Sessional Lecturer MRS. M. MLADENOVIC

For special reasons approved by the Department, a student of any year may be permitted to take any German course, provided no timetable conflict is caused thereby.

1. GERMAN LANGUAGE. First and Second years (Full course). Students intending to proceed to Course 5 from the above must have obtained a high Second Class and are required to read during the summer the following: Remaining chapters of Koischwitz, Deutsche Fibel (Crofts), and Kästner, Emil und die Detektive (Holt).

   (*Beginners' B.A. Course.*)

   Those intending to proceed to Course 7 must have obtained a First Class and are required to study during the summer the following texts: Viebig, C., Der Gefangene (Crofts); Kästner, Emil und die Detektive (Holt & Co.); Storm, Immensee.

   3 hours. *Professor Meyer and Mrs. Mladenovic*

   Texts: Schinnerer, Beginning German (alternate edition) (Macmillan); D. Koischwitz, Deutsche Fibel (Crofts).

2. GERMAN LANGUAGE. First and Second years (Full course).

   3 hours. *Professor Meyer and Mrs. Mladenovic*

   Prerequisite: German 1 or Matriculation in German, or their equivalent.

   Texts: Schinnerer, Continuing German (Macmillan); Kästner, Emil und die Detektive (Holt).

   Private Reading: Purin, Fortunatus, Book 6 (Univ. of Chicago Press); Genialische Jugend (Houghton Mifflin Co.).

3. GERMAN LANGUAGE. First and Second years (Full course). Students intending to proceed from German 3 to German 2 must have obtained a first or high second class and are required to read during the summer Koischwitz, Deutsche Fibel (Crofts). Those intending to proceed to German 5 must also read Kästner, Emil und die Detektive (Holt & Co.).

   3 hours. *Professor Meyer and Mrs. Mladenovic*

   (*Beginners' B.Sc. Course.*)

   Texts: Curts, Basic German, revised ed. (Prentice Hall, 1952); Fiedler and Sandbach, First Science Reader for German Students (Oxford Univ. Press).

4. GERMAN SCIENCE READING COURSE. Second and Third years (Half course).

   1 hour. *Mrs. Mladenovic*

   Prerequisite: German 1 or German 3 or Matriculation in German.

   Text: Curts, Readings in Scientific and Technical German (Holt).

5. GERMAN LANGUAGE. Second and Third years (Full course).
3 hours. *Professor Meyer*

Texts: Stroebe, Vom Alltag zur Literatur (Holt); Appelt and Funke, Moderne German Prose (Heath); Schiller, Maria Stuart (Holt).

Private Readings: Storm, Immensee; Schnitzler, Der blinde Geronimo und sein Bruder.

6. GENERAL SURVEY OF GERMAN LITERATURE FROM LESSING TO MODERN EXPRESSIONISM. Second and Third years. This course is given in English for students who do not know enough German to understand lectures given in that language. It is not open to those who are taking or have taken any of the courses listed as German 8, 9, 10, 11, 12, 13, 14.
3 hours. *Professors Graff and Meyer*

7. GERMAN LANGUAGE AND LITERATURE. Second and Third years (Full course). No student may proceed from German 1 to German 7 unless he has completed the summer work as given under Course 1.
3 hours. *Professor Meyer*

Texts: Sutcliffe, German Translation and Composition (Harrap); Fleissner and Fleissner, Der junge Goethe (Appleton, Century and Crofts); Goethe, Egmont.

Private Readings: Th. Mann, Tonio Kroger (Crofts & Co.); Grillparzer, Der arme Spielmann (Inselbücherei No. 82).

German Conversation: Students of the Second year intending to continue German in the Third year must attend a class in Oral German (one hour a week) until in the Professor's opinion they have reached a satisfactory standard.

NOTE:—In order to be admitted to the following courses a student must know German well enough to understand lectures delivered in German and express himself in German with some degree of fluency and correctness.

8. GERMAN LITERATURE IN THE 18TH CENTURY. Third and Fourth years (Full course).
3 hours. *Professor Meyer*

Texts: Lessing, Emilia Galotti (Ginn.); Goethe, Iphigenie; Schiller, Wallenstein; Stroebe and Whitney, Geschichte der Deutschen Literatur.

Private Readings: Lessing, Minna von Barnhelm; Goethe, Urfaust; Schiller, Kabale und Liebe.

9. GERMAN LITERATURE IN THE 19TH CENTURY. Third and Fourth years (Full course). The important literary movements and writers of the 19th century are studied and discussed. Collateral readings.
3 hours. *Professor Graff*

10. FROM NATURALISM TO EXPRESSIONISM. Fourth year (Full course).
3 hours. *Professor Graff*
Prerequisites: German 8 and 9 or their equivalents.

11. MIDDLE HIGH GERMAN LANGUAGE AND LITERATURE. Third and Fourth years (Full course).
2 hours. *Professor Graff*
Texts: A. Senn, An Introduction to Middle High German (Norton).
(*Not given in 1953-54.*)

12. GERMAN LYRICAL POETRY. Third and Fourth years (Half course).
1 hour. *Professor Graff*

13. HISTORY OF THE TRAGEDY IN GERMAN LITERATURE. Third and Fourth years. (Full course).
2 hours. *Professor Graff*

14. GOETHE'S FAUST. Third and Fourth years (Half course).
1 hour. *Professor Graff*

COGNATE COURSE

LINGUISTICS 21. INTRODUCTION TO THE STUDY OF LANGUAGE. Available to Second and Third year students (Full course). An elementary survey of human speech, its nature, origin, structure and classification; principles of linguistic change; writing and the alphabet; universal and auxiliary languages.
3 hours. *Professor C. H. Carruthers*
(*Given in the Department of Classics. See page* 1055.)

HONOURS COURSES

The selection of Honours Courses in German must be approved by the Department.

Students honouring in the Second year must choose two full courses from the following: German 5, 7, 8.

In the Third and Fourth years one full course must consist of either German 11 and 12 (or 14), or German 12 (or 14) and 13. The other full course must be chosen from German 8, 9, or 10.

Students may begin Honours in German in the Third year, if in the opinion of the Department they are qualified to do so.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

HISTORY

Professor	H. N. FIELDHOUSE, *Chairman*
Professor (post-retirement)	E. R. ADAIR
Associate Professors	C. C. BAYLEY
	J. I. COOPER
	W. S. REID
Assistant Professor	M. MLADENOVIC

COURSES FOR GENERAL STUDENTS

1. EUROPEAN CIVILIZATION IN THE MEDIAEVAL AND MODERN PERIODS. First year (Full course). The mediaeval period is studied in terms of its typical institutions: the Empire, the Papacy, feudalism, the gild, the dynastic state, etc. In the modern period, main emphasis is laid on the emergence of the Great Powers and the long-term problems, at home and abroad, which conditioned their policies.

   3 hours. *Professor Bayley*

ANCIENT HISTORY 11. First year (Full course). Students who wish to take this course should see the notes below on Continuation and Honours Courses in History.

3 hours. *Given by the Classics Department*

2. GENERAL HISTORY OF NORTH AND SOUTH AMERICA. Second year (Full course). Approximately half of the lectures will be given to the history of the Colonial period and to that of the Latin American States in the period after they had achieved their independence; the other half, to the history of the United States.

   3 hours. *Professor Adair*

3. HISTORY OF THE BRITISH EMPIRE. Second year (Full course). The British Empire from 1600 to the end of the second World War, 1945. Economic and social development of the Empire at various stages of its growth:

overseas settlement of British peoples; relations of Britain and India; constitutional evolution of the Commonwealth; the modern Colonial Empire, West Indies, West and East Africa, Malaya.

With the consent of the Department, this course may be taken by Third year students.

3 hours. *Professor Cooper*

4. HISTORY OF CANADA. Third year (Full course). An additional Seminar in advanced Canadian History, of one hour per week, will be given to Honours students; time to be arranged.

Early French and English enterprise in northeastern America; staple trades; settlement; colonial institutions. British America in the era of the American Colonial and French revolutions. Economic and political problems of the early XIXth century; the creation of the Canadian federal state: Western extension; development of the Canadian northland between two World Wars.

With the consent of the Department, this course may be taken by Fourth year students.

3 hours. *Professor Cooper*

5. HISTORY OF GREAT BRITAIN. Fourth year (Full course). Survey of the development of British civilization since the Roman invasions. While constitutional and political changes are considered, the emphasis is placed (particularly in the modern period) on the economic, social and intellectual background.

With the consent of the Department, this course may be taken by Third year students.

3 hours. *Professor Reid*

8. THE RISE OF BRITISH INDUSTRIAL DEMOCRACY SINCE 1815. Fourth year (Full course). The economic expansion of Britain following the Napoleonic Wars and the consequent social and political movements: the rise of working class organizations, of trade unions and of the Labour party; the impact of major wars and depression upon Great Britain in the XXth century; the Labour Party's post-war rehabilitation measures.

With the consent of the Department, this course may be taken by Third year students.

3 hours. *Professor Reid*

9. DIPLOMATIC AND ECONOMIC HISTORY OF THE UNITED STATES AND CANADA. Third or Fourth year (Full course). Open only to students who have previously taken either History 2 or History 3.

Survey of the diplomatic and economic history of the two countries, from 1783 to the present, with special reference to their mutual interests.
3 hours. *Professor Cooper*

COURSES SPECIALLY FOR HONOURS STUDENTS

N.B. By special consent of the Department, these courses may be taken by suitably qualified students other than honours students.

6. HISTORY OF EUROPE, 1789-1939. Fourth year (Full course).
3 hours. *Professor Fieldhouse*

10. MEDIAEVAL LIFE AND INSTITUTIONS. Second year (Full course).
3 hours. *Professor Bayley*

11. HISTORY OF MODERN EUROPE TO 1789. Third year (Full course).
3 hours. *Professor Adair*

12. THE GOVERNMENT OF ENGLAND, THE UNITED STATES, AND CANADA: A COMPARATIVE SURVEY. Fourth year (Full course).
3 hours. *Professor Bayley*

13. HISTORY OF ECONOMIC AND SOCIAL CONDITIONS, WITH SPECIAL REFERENCE TO ENGLAND. Fourth year (Full course).
3 hours. *Professor Adair*
(*Not given in 1953-54.*)

15. THE HISTORY OF EUROPEAN THOUGHT SINCE THE RENAISSANCE. Fourth year (Full course).
3 hours. *Professor Reid*

ADDITIONAL COURSES

16. HISTORY OF CELTIC BRITAIN AND IRELAND. Third and Fourth years (Full course).
3 hours. *Professor Reid*
(*Not given in 1953-54.*)

17. THE HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE. Second, Third and Fourth years (Full course).
3 hours. *Professor Fieldhouse*
(*Not given in 1953-54.*)

18. HISTORY OF DIPLOMACY, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY SINCE 1815. Second, Third and Fourth years (Full course).
3 hours. *Professor Fieldhouse*

19. GENERAL HISTORY OF THE SLAVONIC PEOPLES (WITH SPECIAL EMPHASIS ON RUSSIA) (Full course). Political, economic, and social evolution of the Slavonic nations and their international relations from their origins to the Second World War.
3 hours. *Professor Mladenovic*

20a. THE SLAVS AND THE HABSBURG MONARCHY (Half course). History of the problem of nationalities and of political stability in Central Europe from the time of the Slavonic migrations to the dissolution of the Austro-Hungarian Empire.
3 hours. *Professor Mladenovic*

20b. WAR AND SOCIETY IN EASTERN EUROPE (Half course). Historical, cultural, and demographic elements in the relations of the peoples of Eastern Europe and their bearing on the capacity of East European States to wage war; characteristics of East European States warfare; the bolshevik conception of warfare.

Save by special consent of the Department, this course is open only to students who have previously taken either History 17 or History 19.
3 hours. *Professor Mladenovic*

21. HISTORY OF SOVIET RUSSIA (Full course). Geopolitical background; Marxian and non-Marxian roots of the Revolution; the two Revolutions and the Civil War; doctrinal foundations of the new order and later ideological changes: economic and political development; international relations; social structure, legal system and military organization; cultural trends.

Save by special consent of the Department, this course is open only to students who have previously taken either History 17 or History 19.
3 hours. *Professor Mladenovic*

SPECIAL SUBJECTS

A period in, or aspect of Ancient History.

England in the Age of Wyclif.

England and Scotland in the period of the Reformation.

England under the Early Stuarts. (*Not offered in 1953-54.*)

England from the Restoration to the Accession of George III.

Economic and social change in Great Britain, 1832-1914.

French Canada in the XVIII century, and its relations with the English colonies. (*Not offered in 1953-54.*)

British Imperial History — (a) Newfoundland (b) the West Indies in the XVII and XVIII centuries.

A topic in Canadian History, 1867-1896.

Origins of the First World War (1914-18) with special reference to British foreign policy.

Russia and the Pacific.

Honours students choose one of these special subjects for continuous study during their Third and Fourth years. They are expected to acquire a general knowledge of the subject chosen, and to make a more intensive study of one of its aspects, from original sources.

HISTORY AS A CONTINUATION SUBJECT

Students who choose History as a Continuation Subject will take the following courses:

First year:	History 1.
Second year:	History 2 or 3.
Third year:	History 4 or 9.
Fourth year:	One of the following: History 5, 8, 17.

This represents the minimum requirement. Students may take additional courses in History, if they so wish.

Unless the special consent of the Department has been obtained for another arrangement, Continuation students must take History 1 as a prerequisite to either History 2 or History 3. They may, if they so wish, take Ancient History 11 in their First year. If they do so, they must take History 1 in their Second year, and either History 2 or History 3 in their Third year.

HISTORY AS AN HONOURS SUBJECT

Students who take Full Honours in History will take the following courses:

First year:	History 1 and four other courses.
Second year:	History 2 and 10. Three other approved courses, one of which, at least, must be a foreign language.
Third year:	History 4 and 11, and one of the special subjects in History. Another approved course.
Fourth year:	History 6, 12 and one chosen from History 9, 13, and 15. Completion of the special subject begun in the Third year.

Students who take Honours in History and another subject will take the following courses in History:

First year:	History 1.
Second year:	History 2 and 10.
Third year:	History 4 and 11.
Fourth year:	History 12 and either 6 or 13.

Unless the special consent of the Department has been obtained for another arrangement, Honours students must take History 1 as a prerequisite to History 2 and 10.

Before being admitted to Honours work in History, students are expected to have a knowledge of French and of Latin. The latter requirement may be satisfied by a First year college course following matriculation Latin, or, at the discretion of the Department, by high ranking in Latin in a matriculation examination.

In addition to the examination in the subjects taken in the last year, Fourth year Honours students have a general examination paper on the history studied by them in their four years.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

MATHEMATICS

Professors	HERBERT TATE, *Chairman*
	P. R. WALLACE
	HANS ZASSENHAUS
Associate Professors	CHARLES FOX
	HYMAN KAUFMAN
	WACLAW KOZAKIEWICZ
	E. M. ROSENTHALL
	C. D. SOLIN
Assistant Professors	J. D. JACKSON
	JOACHIM LAMBEK
	T. F. MORRIS
	W. B. ROSS
	L. P. WOOD

Lecturers

M. D. Burrow
P. L. Butzer
Samuel Melamed
N. E. Oler
R. A. Patterson
H. D. Schiff
Carol Smith

Demonstrators

D. D. Betts
S. J. Buchsbaum
J. J. G. Godin
P. J. Laufer
C. D. McKay
Z. A. Melzak
Brian Tiffin

FIRST YEAR

First year students will normally register for Mathematics 111.

Courses 113a and 113b are of a more advanced nature and concentrate on the development of facility in doing difficult and interesting problems. Students who have passed well in Intermediate Algebra and Trigonometry at Junior matriculation should take 113a and 113b instead of 111.

111. TRIGONOMETRY, ALGEBRA, ANALYTICAL GEOMETRY (Fac. Eng. 1200) (Full course).

PLANE TRIGONOMETRY. Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformations of sums and products, logarithmic solution of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

ALGEBRA. Variation, progressions, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

ANALYTIC GEOMETRY. The analytic geometry of the straight line and circle.

3 hours. *Staff*

113a. ADVANCED TRIGONOMETRY (Half course). Treatment of topics in trigonometry not covered for matriculation, including graphs of trigonometric functions and graphical solution of equations.

First term: 3 hours

Text: MacRobert and Arthur, *Trigonometry, Part I* (Methuen).

113b. ADVANCED ALGEBRA (Half course). Among the topics included are the binomial theorem, summation of series, sigma notation, mathematical induction, analytic geometry.

Second term: 3 hours

Text: Barnard and Child, *A New Algebra, Vol. II* (Macmillan).

COURSES FOR GENERAL STUDENTS

223a. ELEMENTARY STATISTICS (Half course). Review of analytic geometry. Averages, standard deviation, correlation, curve fitting.

First term: 3 hours. *Professor Wood and others*

Text: W. Kozakiewicz, *Notes on Statistics* (McGill).

223b. THEORY OF INTEREST (Half course). Simple and compound interest, discount, annuities certain, sinking funds, bonds, net single and annual premiums.

Second term: 3 hours. *Professor Wood and others*

Text: H. Tate, *Mathematical Theory of Interest* (Pitman).

224. ELEMENTARY CALCULUS (Full course). Graphical representation; limits, differentiation and integration of elementary functions, with applications to the determination of lengths, areas, and volumes and the solution of simple problems in mechanics, physics, etc.; partial differentiation.

This course is intended to give students of biochemistry, chemistry, economics, and sociology a working knowledge of the elements of calculus.

3 hours. *Professor Tate and others*

Text: F. H. Miller, *Calculus* (Wiley).

228a. SPHERICAL TRIGONOMETRY AND ASTRONOMY (Half course). Geometry of the sphere, solution of spherical triangles, celestial sphere, time, positions of the heavenly bodies, determination of geographical position.

First term: 3 hours. *Professor Fox*

Texts: Rider and Hutchinson, *Navigational Trigonometry* (Macmillan); Kells, Kern, and Bland, *Spherical Trigonometry with Naval and Military Applications* (McGraw-Hill); *American Nautical Almanac for 1953* (U.S. Government Printing Office).

Reference books: R. H. Baker, *Astronomy* (Van Nostrand); W. M. Smart, *Text-book on Spherical Astronomy* (Cambridge University Press).

335a. MATHEMATICS OF LIFE INSURANCE (Half course). Expectations of life, annuities and assurances, reserves, return of premiums, conversion tables.

First term: 3 hours. *Professor Wood*

Prerequisite: Mathematics 223b.

Texts: Menge and Glover, *Life Insurance Mathematics* (Macmillan); J. B. MacLean, *Life Insurance* (McGraw-Hill).

336a. ALGEBRA (Half course). Complex numbers, properties of polynomials, partial fractions, theory of equations, determinants.

First term: 3 hours.

Text: F. S. Nowlan, *College Algebra* (McGraw-Hill).

336b. PLANE AND SOLID ANALYTIC GEOMETRY (Half course). The parabola, ellipse, and hyperbola. The general equation of the second degree. The elements of solid analytic geometry.

Second term: 3 hours.

Prerequisite: Mathematics 111.

Text: R. Robinson, *Analytic Geometry* (McGraw-Hill).

337a. FURTHER CALCULUS (Half course). Hyperbolic functions, partial differentiation, infinite series, beta and gamma functions.

First term: 3 hours. *Professor Solin*

Prerequisite: Mathematics 224.

Text: F. H. Miller, *Calculus* (Wiley).

337b. ELEMENTARY DIFFERENTIAL EQUATIONS (Half course).

Second term: 3 hours. *Professor Solin*

Prerequisites: Mathematics 224, 337a.

447. HIGHER MATHEMATICS FOR CHEMISTS. For chemists and other qualified students (Full course). Selected topics in algebra, advanced calculus, and mechanics, designed for prospective students of Quantum Chemistry.

2 hours. *Professor Morris*

Prerequisites: Mathematics 224, 337a, 337b.

HONOURS COURSES

Second Year

225. CALCULUS (Full course). Limits, derivatives, and integrals. Application of differentiation and integration to the solution of problems involving maxima and minima, rates, curvature, lengths of curves, areas, volumes of solids, centres of gravity, and similar problems. Theorems of Rolle and Taylor.

3 hours.

Text: Sherwood and Taylor, *Calculus* (Prentice-Hall).

226. PLANE AND SOLID ANALYTIC GEOMETRY (Full course). The plane analytic geometry of the straight line, circle, parabola, ellipse, hyperbola, the general equation of the second degree, polar co-ordinates. The line, plane, sphere, central conicoids, paraboloids, and ruled surfaces of the second degree in three dimensions. Spherical Trigonometry.

3 hours. *Professor Solin*

Texts: A. B. Grieve, *Plane and Solid Analytic Geometry* (Bell); MacRobert and Arthur, *Spherical Trigonometry* (Methuen).

227a. ALGEBRA AND THEORY OF EQUATIONS (Half course). Complex numbers, including De Moivre's theorem and geometrical representation; matrices and determinants and applications to systems of linear equations; polynomials of one variable; Graeffe's method for solution of numerical equations.

First term: 3 hours. *Professor Rosenthall*

227b. VECTOR ANALYSIS (Half course). Algebra of vectors, scalar and vector product of two vectors, multiple products, differentiation of vectors with applications to geometry and elementary mechanics.

First term: 3 hours. *Professor Fox*

Texts: G. Coffin, *Vector Analysis* (Wiley).

Third Year

331a. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS (Physics 31a) (Half course). Dynamics of a particle in one and two dimensions, motion of pairs of particles, introduction to dynamics of rigid bodies, mass systems.

First term: 3 hours. *Professor F. R. Terroux*

Texts: Lamb, *Statics*; and Lamb, *Dynamics* (C.U.P.).

Reference books: Synge and Griffith, *Principles of Mechanics* (McGraw-Hill); Slater and Frank, *Mechanics* (McGraw-Hill).

331b. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS (Physics 31b) (Half course). Central orbits, elements of rigid dynamics in two and three dimensions, Lagrange's equations with simple applications, oscillation about equilibrium positions.

Second term: 3 hours. *Professor Wallace*

Text: Slater and Frank, *Mechanics* (McGraw-Hill).

Reference Books: The books listed in 331a above.

333. ADVANCED CALCULUS (Full course). Partial differentiation, Jacobians and implicit functions, mean value theorems and Taylor series, indeterminate forms, line integrals, Green's and Stokes's theorems, vectors, definition of analytic functions of a complex variable, poles and residues, evaluation of definite integrals, the Gamma function and related definite integrals.

3 hours. *Professor Rosenthall*

Text: Franklin, *Methods of Advanced Calculus* (McGraw-Hill).

334. DIFFERENTIAL EQUATIONS (Full course). Solution of ordinary differential equations by means of operators, series and iteration methods; boundary value problems and orthogonal functions; introduction to partial differential equations; solution of partial differential equations of mathematical physics by use of Fourier series and integrals; Bessel functions, Legendre polynomials and applications.

3 hours. *Professor Fox*

Texts: F. B. Hildebrand, *Advanced Calculus for Engineers* (Prentice-Hall); R. V. Churchill, *Fourier Series and Boundary Value Problems* (McGraw-Hill); F. H. Miller, *Partial Differential Equations* (Wiley).

338b. ELEMENTARY PROBABILITY AND MATHEMATICAL STATISTICS (Half course). Averages, measures of dispersion, probability functions, the normal curve, comparison of distributions, correlation, sampling.

Second term: 3 hours. *Professor Kozakiewicz*

Prerequisites: Mathematics 224 or 225, 226 or 336, 337a.

Text: S. S. Wilks, *Elementary Statistical Analysis* (Princeton University Press).

(*Not given in 1953-54.*)

339. MATHEMATICAL STATISTICS (Full course). Averages, measures of dispersions, binomial, Poisson, and normal distributions, regression, correlation, large sample theory, chi-square distribution, small samples, analysis of variance, non-parametric methods, nature of statistical hypotheses.

3 hours. *Professor Kozakiewicz*

Prerequisites: Mathematics 224, 336, 337a.

Texts: Hoel, *Mathematical Statistics* (Wiley); Mood, *Introduction to the Theory of Statistics* (McGraw-Hill).

343a. FINITE DIFFERENCES (Half course). Finite differences, approximate integration, difference equations.

First term: 3 hours. *Professor Wood*

Text: W. E. Milne, *Numerical Calculus* (Princeton University Press).

343b. PROBLEMS IN ACTUARIAL MATHEMATICS (Half course). Applications of the various methods of interpolation and summation, etc. to the graduation of tables and to problems in actuarial mathematics.

Second term: 3 hours. *Professor Wood*

Text: H. Freeman, *Mathematics for Actuarial Students* (C.U.P.).

441. MATHEMATICAL PHYSICS (Physics 41) (Fac. Eng. 1390) (Full course). Vibration problems, eigenfunctions and eigenvalues, sound waves,

scattering problems. Fourier transforms and application to problems of heat conduction and diffusion. Introduction to relativity and wave mechanics. Twelve lectures on topics arising in spectroscopy and nuclear physics will be given by Professor Foster.

3 hours. *Professors Wallace and J. S. Foster*

Texts: Joos, *Theoretical Physics* (Blackie); Lindsay, *Methods and Concepts in Theoretical Physics* (Van Nostrand).

442. ALGEBRA (Full course). Number systems of algebra, introductions to basic algebraic systems such as groups, rings, fields, theory of matrices, projective geometry, linear algebras.

The first term of this course, designated as 442a, will be taken as a separate course by students in Honours Mathematics and Physics.

3 hours. *Professor Zassenhaus*

Text: Birkhoff and MacLane, *Survey of Modern Algebra* (Macmillan).

Reference: Van der Waerden, *Moderne Algebra.*

444. ANALYSIS (Full course). The real number system, continuity and differentiability of functions of a real variable, Riemann integration, infinite series, convergence of integrals, functions of bounded variation, definition of analytic functions and their differentiation, Cauchy integral formula, Taylor and Laurent series, contour integration, theorems of Mittag-Leffler and Weierstrass.

3 hours. *Professor Kozakiewicz*

Texts: J. F. Ritt, *Theory of Functions*; K. Knopp, *Theory of Functions;* Whittaker and Watson, *Modern Analysis* (C.U.P.).

446a. FLUID DYNAMICS (Half course). The equations of motion, conservation of energy and circulation, the theory of images, complex potential and conformal transformation methods, especially solutions for vortex arrays and aerofoil theory, Stokes's stream function for three-dimensional solutions, the equations of viscous flow and boundary layer motion.

First term: 3 hours. *Professor Fox*

Texts: Milne-Thomson, *Hydrodynamics* (Macmillan); Ramsey and Besant, *Hydro-Mechanics* (C.U.P.).

446b. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM (Half course). Basic theory of electrostatics and steady current theory, using the theory of images and complex potentials; magnetism, magnetic effects of currents and electro magnetic induction, Maxwell's equations, reflection and refraction of waves; rectangular wave guide propagation; dipole radiation and antennae.

Second term: 3 hours.

Text: Slater and Frank, *Electro-magnetism* (McGraw-Hill).

(*Not given in 1953-54.*)

448b. ADVANCED DYNAMICS (Half course). General formulation of Lagrangian dynamics, Hamiltonian equations. Least action principle. Canonical transformations. Poisson brackets. Hamilton-Jacobi theory. Introduction to special relativity in classical mechanics.

Second term: 3 hours. *Professor Jackson*

Text: Goldstein, *Classical Mechanics.*

450. LIFE CONTINGENCIES (Full course). Mortality tables, statistical applications of the mortality table, single and multiple probabilities of life and death, single-life annuities and assurances, joint-life and last survivor annuities and assurances, contingent assurances, reversionary annuities, tables involving two or more causes of decrement, current valuation methods, including the Full Preliminary Term Method and the Commissioner's Reserve Valuation Method.

3 hours. *Professor Wood*

Text: C. W. Jordan, *Life Contingencies* (Society of Actuaries).

SUMMARY OF ORGANIZED COURSES OF STUDY

The following courses of study are designed to give students the maximum opportunity of entering various fields in which mathematical training is fundamental. Attention is particularly called to opportunities in: research in Pure and Applied Mathematics; teaching in Universities and High Schools; applications to engineering, and the physical and biological sciences; statistical work in industry and government departments; actuarial work in insurance companies.

(a) Continuation Courses for the General Degree.

These are courses 224, 336a, 336b, 337a, b, 339, 223a, 223b, 343, 335b, 228a. (See pages 1106 to 1109.)

(b) General Degree with Special Distinction in Mathematics.

The prescribed courses are:

Second year: 225, 226.

Third year: 227a, 333, Physics 24.

Fourth year: Any two Mathematics Honours courses of the Third and Fourth years for which prerequisite requirements are satisfied.

This course of study may be combined with any combination of other subjects which satisfy the normal requirements for the General Degree.

(c) Half-Honours in Mathematics.

The prescribed Mathematics courses are those laid down in (b) above. In order to obtain Half-Honours in Mathematics, this course of study must be combined with Half-Honours in some other subject, e.g., Philosophy. (See page 1117.)

(d) Honours Course in Economics and Mathematics.

Second year: Two approved full courses in Economics together with Mathematics 225, 226, and one elective course in any approved subject.

Third year: Two approved full courses in Economics together with Mathematics 227a, 333, 223b.

Fourth year: Two approved full courses in Economics together with Mathematics 339 and any other approved elective course which may be, if desired, a second Mathematics course selected with the approval of the Chairman of the Mathematics Department.

(e) Honours Course in Mathematics.

Prerequisite: High standing in First year Mathematics.

Second year: 225, 226, 227a, 227b, and Physics 24, 25.

Third year: 333, 334, and Physics 31 or Mathematics 339.

Fourth year: 442, 444, and one other approved course.

The other courses in the Second year and one in each of the Third and Fourth years are to be selected with the approval of the Chairman of the Mathematics Department. Note that Physics 31 is prerequisite to Mathematics 441.

Students who wish to enter the **Actuarial Profession** are advised to take the following sequence of courses.

Second year: 225, 226, 227a, 223b, Accounting 101.

Third year: 333, 339, 343a, 343b, Economics 211.

Fourth year: 444, 450, and one other approved course.

Ordinary students who intend to pursue a course in **Actuarial Mathematics** should take:

Mathematics 223, 224, 336 in their Second year,
Mathematics 337, 343a, b in their Third year,
Mathematics 339, 450 in their Fourth year,

and should consult the Chairman of the Department.

(f) Honours Course in Pure and Applied Mathematics.

Prerequisite: High standing in first year Mathematics and Physics.

Second year: The same as (g) below.

Third year: 333, 334, 339, Physics 31, 33M or Mathematics 343a, 34, 35a.

Fourth year: 441, 442, 444, 446a, 448b, Physics 42, 44b, 45 or 43.

(g) Honours Course in Mathematics and Physics.

Prerequisite: High standing in First year Mathematics and Physics.

Regular Course

Second year: Mathematics 225, 226, 227a, 227b, Physics 23, 24, 25. One other approved course may be added as an extra.

Third year: Mathematics 333, 334, Physics 31, 32, 33E, 34, 35a, 45.

Fourth year: Mathematics 441, 442a, 444, 446a or 448b, Physics 42, 43, 44, 33M.

Applied Mathematics Option

Second year: As in regular course above.

Third year: Mathematics 333, 334, 339, Physics 31, 33M, 34, 35a.

Fourth year: Mathematics 441, 442, 444, 446a, 448b, Physics 42, 44b, 45 or 43.

Note—Mathematics 331 = Physics 31 and Mathematics 441 = Physics 41.

Students intending to proceed later with advanced or graduate training in Meteorology may, with the approval of the departments concerned, substitute course 44. Meteorology, in the Department of Geography (see page 1087) instead of one full or two half courses in Fourth year Mathematics.

It is recommended that a reading knowledge of scientific French and German be acquired before the end of the Fourth year, in courses (e), (f), and (g) above.

(h) Engineering Physics.

This course, leading to a B.Eng. degree, is fully described in the Announcement of the Faculty of Engineering.

See also Engineering option in Honours Mathematics and Physics, as given on page 1131.

(i) Courses in the Faculty of Engineering.

These are described in detail in the Announcement of the Faculty of Engineering.

MEDAL

Attention is drawn to the Ann Molson Gold Medal, awarded annually.

GRADUATE COURSES IN PURE AND APPLIED MATHEMATICS

Organized courses of study are available for graduate work leading to a Master's degree. Details are available in the Announcement of the Faculty of Graduate Studies and Research.

MUSIC

DEAN DOUGLAS CLARKE AND MEMBERS OF THE FACULTY OF MUSIC

The courses in Music are open to those who have the qualifications for the regular courses of Music given in the Faculty of Music. The following courses may be taken as electives in the Faculty of Arts and Science. The first course of Music is for those who have offered Music as a Matriculation subject.

1. FIRST COURSE (Full course).

(a) *Harmony.*

One hour.

The work covered is that required for the Intermediate Grade Theoretical Examination of the Local Centre Examinations. (See the Announcement of the Faculty of Music.)

Texts: MacPherson, Rudiments of Music; Macpherson, Practical Harmony.

(b) *Form and Analysis.*

One hour.

Phrase, sentence, sequence, cadence, accent, rhythm, time, melody. Modulation. Early dance forms. Suites—with special consideration of the Minuet and Trio.

Texts: MacPherson, Form in Music; MacPherson, Studies in Phrasing and Form; R. O. Morris, Structure of Music.

(c) *History (outline).*

One hour.

Texts: Stanford and Forsyth, A History of Music; Finney, A History of Music; Parrish and Ohl, Masterpieces of Music before 1750.

(d) *Aural Training.*

One hour.

Development of a mental appreciation of scale degrees; recognition of intervals and simple rhythms; quality of tone.

Text: Champagne, Solfege Pratique (Archambault).

2. SECOND COURSE (Full course).

(a) *Harmony.*

One hour.

The work covered is that required for the Senior Grade Theoretical Examination of the Local Centre Examinations. (See the Announcement of the Faculty of Music.)

Text: Macpherson, Rudiments of Music, Practical Harmony.

(b) *Form and Analysis.*

One hour.

Sonata form, sonato rondo form, standard type of classical sonatas, quartets, symphonies. The overture.

Texts: In addition to books on Form recommended for First Year: Tovey, Essays in Musical Analysis; Tovey, A Companion to Beethoven's Pianoforte Sonatas.

(c) *History (1600-1900).*

One hour.

Texts: Bukofzer, Music in the Baroque Era; Lang, Music in Western Civilization; Apel and Davison, Historical Anthology of Music.

(d) *Aural Training.*

One hour.

Detecting major and minor chords, diminished and augmented triads. Dominant 7ths. Dictation, with modulation to neighbouring keys. Sight reading in two and three parts. Chromatic intervals.

Text: Dannhauser, Solfege des Solfeges.

3. THIRD COURSE (Full course).

(a) *Harmony and Counterpoint.*

One hour.

Harmony—Vocal in three and four parts, up to chords of major and minor ninth and secondary sevenths, including the use of suspensions and passing notes (harmonizing of melodies and figured and unfigured bass, the completing of a harmonic sentence from a given pattern).

Texts: Macpherson, Melody and Harmony; Buck, Unfigured Harmony.

Counterpoint—In two parts; up to, and including 5th Species.

Texts: Gladstone, Strict Counterpoint; Kitson Counterpoint for Beginners; Pearce, Students' Counterpoint.

(b) *Form and Analysis.*

One hour.

Origin, development of the Fugue. Analysis of some of the "48" and better known organ fugues. Comparison of fugues by various composers.

Texts: Gray, Bach's Forty-eight; Macpherson, Bach's Forty-eight (A Commentary); Prout, Fugue.

(c) *History (earliest times up to 1600).*

One hour.

Texts: Apel and Davison, Historical Anthology of Music; Reese, Music in the Middle Ages.

(d) *Chamber and Orchestral Music, Opera and Score Reading.*

One hour.

Chamber music and its development. Music for viols. The string quartet. Opera. History of the development of the orchestra. Haydn's orchestra. Beethoven's orchestra. Description of orchestral instruments. The symphony. (The phonograph will be used.)

Texts: Dunhill, Chamber Music; Dunhill, Mozart's String Quartets; Tovey, Essays in Analysis (Vol. I); Dent, Opera; Terry, The Music of Bach; Dickenson, Mozart's Last Three Symphonies (Pilgrim); Gordon Jacob, How to Read a Score.

4. FOURTH COURSE (Full course).

(a) *Harmony.*

One hour.

Instrumental, in three and four parts. Figuration.

Text: Morris, Foundations of Practical Harmony and Counterpoint.

(b) *Counterpoint.*

One hour.

Strict (covering all species) up to three parts. Answers to fugue subjects. Fugal exposition in two parts.

Texts: Gladstone, Strict Counterpoint; Higgs, Fugue.

(c) *History (modern).*

One hour.

Texts: Bauer, Twentieth Century Music; Salazar, Music in Our Time; Lambert, Music Ho!

(d) *Form and Analysis.*

One hour.

Analytical study of great works.

Texts: Leichtentritt, Musical Form; Tovey, Essays in Musical Analysis.

(e) *Orchestral and Chamber Music Repertoire* (with gramophone).

One hour.

Critical listening. Extended Chamber Music with solo instruments and advanced study of orchestral repertoire.

Texts: Forsyth, Orchestration; Tovey, Essays in Music Analysis, Vols. 1 to 5; Colles, The Chamber Music of Brahms (Pilgrim).

PHILOSOPHY

Professors	R. D. MACLENNAN*, *Chairman* RAYMOND KLIBANSKY
Associate Professors	CECIL CURRIE T. G. HENDERSON
Visiting Lecturer	W. F. M. STEWART
Lecturer	ALASTAIR MACKINNON
Assistants	_____ _____

GENERAL COURSES

1. INTRODUCTION TO PHILOSOPHY. Second year (Full course). Special weekly conference groups will be held under the direction of Professors Currie and Henderson, and Doctors MacKinnon and Stewart.

An introduction to the chief problems of Philosophy in connection with their development in Greek and more especially in modern times. Preparatory reading in Dickinson, The Greek View of Life, Burnet, Greek Philosophy, Thales to Plato, William James, Selected Papers on Philosophy, and Bertrand Russell, Problems of Philosophy, will be found helpful.

Lectures: 2 hours. *Professor Henderson and Dr. Stewart*

Prescribed Reading: Dialogues of Plato (Modern Library); *Descartes, Berkeley, Hume* (Nelson); Stebbing, *A Modern Elementary Logic* (Methuen).

*On leave of absence.

2. ETHICS. Second year (Full course).

The main types of ethical theory.

Lectures and conferences: 3 hours. *Dr. Stewart*

Reading: Plato's *Republic* (Golden Treasury); Butler's *Fifteen Sermons* (Matthews, Bohn Library, Bell); Hobbes, *Leviathan*, and Mill, *Utilitarianism;* Kant, *Fundamental Principles of the Metaphysics of Morals* (T. K. Abbot, Longmans); G. E. Moore, *Ethics* (Home University Library).

3. LOGIC AND SCIENTIFIC METHOD (Full course).

First term: the general principles of Logic, both Formal and Inductive.

Second term: the modern extension of the scope of Logic, including such subjects as verification and the theory of probability, and an examination of the methods of reasoning employed in certain sciences. The course concludes with a discussion of some of the logical and philosophical issues of contemporary science.

3 hours. *Dr. MacKinnon*

Reading: J. N. Keynes, *Formal Logic* (Macmillan); L. S. Stebbing, *A Modern Introduction to Logic* (Methuen); Cohen and Nagel, *An Introduction to Logic and Scientific Method* (Harcourt, Brace); J. M. Keynes, *Treatise on Probability* (Macmillan).

Prerequisite: Philosophy 1, except for recommended students of science.

4. AESTHETICS. (Full course.) A philosophical analysis of the following problems arising out of aesthetic experience: the relation of aesthetic experience to daily life, science, and moral principles; the nature of art; the materials, forms, and expressive functioning of objects selected from various arts (including poetry); criteria of artistic style, quality, truth, and greatness.

3 hours. *Professor Henderson*

Prerequisite: At least one full course in philosophy. With the consent of the lecturer, special students may be permitted to take this course without this requirement being fulfilled.

Textbook: T. M. Greene, *The Arts and The Art of Criticism* (Princeton University Press).

HISTORICAL

5. GREEK PHILOSOPHY. Third and Fourth years (Full course). The theory of knowledge and metaphysics of Plato and Aristotle, with special reference to Plato's *Phaedo, Symposium, Republic* (Books V-VII),

Theaetetus, and *Timaeus;* and Aristotle's *Physics, Metaphysics, De Anima*, and *Poetics.*

3 hours. *Professor Henderson*

Prerequisite: Philosophy 1 or 2, except for students in Honours courses in Greek.

Reading: The Works of Plato (Modern Library); *Timaeus* (Liberal Arts Press); *The Basic Works of Aristotle* (Random House).

6. MODERN PHILOSOPHY (Full course). Main problems of modern philosophy, with special reference to the development from Descartes to Kant.

3 hours. *Professor Currie*

Prerequisite: Philosophy 1.

Reading: Selections from Descartes (Scribner); Hume (Scribner); Leibniz (Scribner); Locke, *Essay on the Human Understanding* (Everyman); Kant, *Prolegomena to any Future Metaphysic* (Open Court).

7. MEDIAEVAL PHILOSOPHY (Full course). Main problems of mediaeval philosophy in their development from St. Augustine to the Fifteenth Century, with special reference to Boethius, Scotus Eriugena, Anselm, Abailard, the School of Chartres, St. Thomas, Master Eckhart, Duns Scotus, William of Ockham, and Nicholas of Cues.

Reading: St. Augustine, *Confessions* (Loeb Library), and *City of God* (Everyman Library, London 1945); Boethius, *The Consolation of Philosophy* (Garnier); selections from *Mediæval Philosophers, vols. I-II* (Modern Student's Library, Scribner's).

3 hours. *Professor Klibansky*

Prerequisite: Philosophy 1 and 5; or consent of lecturer.

SYSTEMATIC AND ADVANCED COURSES

8. ETHICS AND PHILOSOPHY OF POLITICS (Full course).

Reading: (1) Hume, *Treatise of Human Nature;* Kant, *Critique of Practical Reason.*

(2) Plato, *Crito, Gorgias, Republic, Statesman;* Aristole, *Politics;* Thomas Aquinas, selected portions from the *Summa Theologica* and the *Summa contra Gentiles;* Machiavelli, *The Prince* and *Discourses* (New York 1940); Locke, *The Second Treatise of Civil Government*, and *A Letter on Toleration* (Oxford 1946); Kant, *Perpetual Peace;* Hegel, *Philosophy of History* (Scribner) and *Philosophy of Right* (Oxford 1942); Mill, *On Liberty* and *Considerations on Representative Government* (Oxford 1946);

M. Oakeshott, *The Social and Political Doctrines of Contemporary Europe* (Cambridge 1944).

3 hours. *Professor Klibansky*

Prerequisite: Philosophy 2. Honours students from other departments may be admitted with the consent of the lecturer.

9. PROBLEMS OF LOGIC, EPISTEMOLOGY, AND METAPHYSICS (Full course).

(*a*) An examination of fundamental problems of logic, theory of knowledge, and metaphysics will be made on the basis of selected readings in the works of Stebbing, Russell, Santayana, Husserl, Cassirer, and other contemporary authors.

(*b*) The philosophy of Whitehead.

3 hours. *Professors Klibansky and Henderson*

Prerequisites: Philosophy 1, 3 or 5, and 6.

10. SEMINAR ON THE PHILOSOPHY OF KANT (Full course).

1953-54: Kant's Theory of Knowledge.

3 hours. *Professor Currie*

Reading: The Critique of Pure Reason (trans. N. K. Smith).

Prerequisite: Philosophy 6.

(*1954-55:* Kant's Theory of Morals, Politics, and Religion.)

11. SEMINAR ON PHILOSOPHY—I (Full course).

Subject for 1953-54: Issues in Contemporary Philosophy.

3 hours.

Professors Currie and Henderson and Drs. Stewart and McKinnon

Reading: To be announced.

Prerequisites: See note following course 12.

12. SEMINAR ON PHILOSOPHY—II (Full course).

Subject for 1953-54: Philosophy and Science.

Examination of basic concepts of science and their philosophical implications. Determinism, indeterminism, and the problem of freedom.

3 hours. *Professor Klibansky*

Prerequisites: The above seminar courses are open to Fourth year Honours and Graduate students; or may be taken with special consent of the lecturer.

HONOURS COURSES

Full Honours students will take at least the following courses:

Second year: Philosophy 1, (2).

Third year: Philosophy, 2, 3, 5, and 6.

Fourth year: Philosophy 8, 9, and 10.

Full Honours students are advised to take Philosophy 1 and 2 in the Second year.

For any combined Honours Course, a total of five full courses including Philosophy 1. Such subjects as Mathematics, Literature, History, or a social science are recommended for combined honours.

At the conclusion of the Fourth year, there is a comprehensive examination on the total work done in the field of Philosophy, which will take the place of examinations in the courses of that year. For full Honours students the examination will consist of three papers; one in the history of philosophy, one in ethics, and one in systematic philosophy (logic, epistemology, and metaphysics). Students pursuing a combined honours course will take two of the papers, the selection being made in accordance with the combined subject-matter of their course of study. The examination will presume a knowledge of the major classical works in each of these fields, some of which may not be dealt with in any lecture course or seminar.

CONTINUATION COURSES

Students interested in studying Philosophy in conjunction with other subjects are advised to take their courses in Philosophy in the sequences indicated below in connection with the other studies.

1. Philosophy with one or more studies in the social sciences, e.g., economics, history, politics, psychology, and sociology:

   Philosophy 1, 2, 5, 8.

2. Philosophy, with one or more studies in the natural sciences, e.g., biochemistry, botany, chemistry, genetics, physics, zoology:

   Philosophy 1, 3, 6, or 9.

3. Philosophy with studies in English or Foreign Literature:

   Philosophy 1, 2, 4 or 6.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

PHYSICS

Professors	J. Stuart Foster, *Chairman* G. A. Woonton
Associate Professors	J. S. Marshall E. R. Pounder F. R. Terroux H. G. I. Watson C. H. Westcott
Assistant Professors	K. L. S. Gunn W. F. Hitschfeld Anna I. McPherson Sydney Wagner J. R. Whitehead
Lecturer (1952-53)	M. L. De Angelis

FIRST YEAR COURSES*

11. GENERAL COURSE (Full course). A general course covering the elementary portions of mechanics, sound, heat, magnetism, electricity, light, and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work, and numerical examples.

3 hours† *Professor Wagner*

Laboratory (11L): 2 hours *Professor McPherson and Demonstrators*

Texts: Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath & Co.); *An Elementary College Course in Experimental Physics* (Renouf Publishing Co.).

12. OUTLINE OF PHYSICS—INTRODUCTORY GENERAL COURSE (Full course). An introductory general course covering all the major branches of physics in a non-technical manner. The use of mathematics is kept to a minimum and the emphasis is on general principles rather than on facility in doing problems.

(*Open to B.A., B.Com., Physical Education, and Physical and Occupational Therapy students.*)

3 hours (also laboratory)† *Professor Gunn and Demonstrators*

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*These courses (11 or 12) may be taken in the Second or Third years by *B.A.* or *B.Com.* students provided that their timetables permit.

†Voluntary tutorials are provided to assist students in Physics 11 and 12.

Texts: Howe, *Introduction to Physics* (McGraw-Hill); *An Elementary College Course in Experimental Physics* (Renouf).

Reference book: Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath).

SECOND YEAR COURSES*

21. GENERAL COURSE (Full course).‡ A second course in general physics suitable for general arts and science, biological honours, and pre-medical students who are not intending to proceed further with physics. The subjects indicated for Physics 11 are treated at a higher level, some use being made of the calculus, and with emphasis on those branches of the subject with applications in biological work.

3 hours. *Professors Hitschfeld and Westcott*

Laboratory (21L): 3 hours. *Demonstrator*

Prerequisite: Physics 11 or 12. Mathematics 224 or 225 to be taken concurrently if not already taken.

Texts: Perkins, *Basic College Physics* (Prentice-Hall); *Laboratory Manuscripts* (mimeographed).

22a. HEAT (Fac. Eng. 1320) (Half course).

Temperature, kinetic theory, heat engines, throttling, evaporation, hygrometry, heat transfer, radiation, and expansion.

First term: 3 hours. *Professor Marshall*

Laboratory (22aL): 2 hours.

Professors Terroux and McPherson and Demonstrators

Prerequisite: Physics 11.

Texts: Marshall, *Heat* (McGill Physics Department); *Heat, Light and Sound Laboratory Manual* (Renouf).

Reference book: Noakes, *A Textbook of Heat* (Macmillan).

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*Courses 21, 22, 23, 24 or 25 may be taken by B.A. or B.Sc. students (general course) in their Third year provided that their timetables permit. Courses 23, 24, or 25 may be taken by B.A. students in their Fourth year provided that their timetables permit.

‡Physics 21 is intended to be taken only by students taking no further physics courses. Credit cannot be given for Physics 22 if 21 has already been taken for credit, or vice versa. Chemistry 24 is suitable to supplement Physics 21.

22b. SOUND AND LIGHT (Fac. Eng. 1322) (Half course). Simple harmonic motion, waves, interference, moving sources, diffraction, vibrating systems, intensity level, audibility, musical scales, and acoustics. Waves and rays, lenses and mirrors, aberrations, the eye, optical apparatus, illumination, interference, polarized light. The wave theory developed in sound is used for light.

Second term: 3 hours. *Professor Marshall*

Laboratory (22bL): 2 hours.

Professors Terroux and McPherson and Demonstrators

Prerequisite: Physics 11.

Texts: Marshall, *Light* and *Sound* (McGill Physics Department); *Heat, Light and Sound Laboratory Manual* (Renouf).

23. ELECTRICITY AND MAGNETISM (Fac. Eng. 1340, 1344) (Full course). The fundamentals of magnetism, electrostatics, current electricity, electromagnetic induction, electrodynamics, theory of simple circuits, elementary electronics. Demonstrations, applications, and numerical examples are emphasized. The laboratory course is essential and complementary to the lectures, illustrating main principles and providing a thorough introduction to the theory and use of common electrical apparatus.

2 hours and one tutorial *Professor Pounder*

or 2 hours and 23S* *Professor Watson*

Laboratory (23L) 3 hours. *Professor Pounder and Demonstrators*

Prerequisite: Physics 11. Mathematics 224 or 225 to be taken concurrently.

Text: Ward, *Introduction to Electrical Engineering* (Prentice-Hall).

Reference books: Signal Training Manual, Vol. II, Part I, Electricity and Magnetism (H.M. Stationery Office); Page, *Lessons in Electricity* (Macmillan); Brown, *Electricity and Magnetism* (Holt); Starling, *Electricity and Magnetism* (Longmans Green); Sears, *Electricity and Magnetism* (Addison-Wesley).

23X. ELECTRICITY AND MAGNETISM (Half course). Same as course 23 without laboratory work.

2 hours and 1 tutorial. *Professor Pounder*

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*In the case of Honours students, the tutorials are replaced by supplementary lectures (23S) on the more advanced parts of this course, including, in particular, the properties of electric and magnetic fields. (No examination is required on this part of the course.)

(*Note:* This course, without laboratory, may be taken by Third year Honours students in Chemistry, at the request of the Chemistry Department.)

24. DYNAMICS (Half course). Kinematics, vectors, motion under gravity, laws of motion, applications, impulse, work and energy in linear motion and rotation, projectiles, collision of elastic bodies, normal accelerations, simple harmonic motion, wave motion, pendulum, moments of inertia. Students are required to work a large number of problems. (Elementary applications of calculus are included.)

First term: 1 hour. Second term: 2 hours. *Professor Terroux*

Prerequisite: Physics 11.

Text: Loney, *Statics and Dynamics* (C.U.P.).

25. STATICS AND HYDROSTATICS (Half course). Statics of particles and rigid bodies acted on by forces in one plane, centre of gravity, friction, funicular polygon, virtual work. Fluid pressure, specific gravity, centre of pressure. Hooke's law and elements of elasticity, bending of beams and struts. Solutions of numerous problems by graphical and analytical methods required. (Elementary applications of calculus are included.)

First term: 2 hours. Second term: 1 hour. *Professor Whitehead*

Prerequisite: Physics 11.

Texts: Loney, *Elements of Statics* (C.U.P.); Loney, *Elements of Hydrostatics* (C.U.P.).

26. THE PHYSICS OF PHYSIOTHERAPY (Half course). A special course for Occupational and Physical Therapy students, dealing particularly with the physics of the theory and use of physiotherapeutic apparatus.

1 hour and 1 tutorial. *Professor McPherson*

Prerequisite: Physics 11 or Physics 12.

Reference books: Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath); Osborne and Holmquest, *Technic of Electrotherapy* (Thomas).

THIRD YEAR COURSES*

31. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS (Mathematics 331.) (Fac. Eng. 1368) (Full course).

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*Courses 31 to 35 may be taken by qualified general course students in the fourth year, if time-table permits. General course students of the third and fourth years may attend courses 31, 33, or 34, *only* if they have obtained at least second class standing in the respective prerequisites to these courses.

(*a*) Dynamics of a particle in one and two dimensions, motion of pair of particles, introduction to dynamics of rigid bodies, mass systems.

First term: 3 hours. *Professor Terroux*

Texts: Lamb, *Statics* (C.U.P.); Lamb, *Dynamics* (C.U.P.).

Reference books: Synge and Griffith, *Principles of Mechanics* (McGraw-Hill); Slater and Frank, *Mechanics* (McGraw-Hill).

(b) Central orbits and scattering problems. Lagrangian and Hamiltonian equations. Rotations. Motion of rigid bodies, principal axes and moments of inertia. Normal modes of vibration and characteristic frequencies of oscillating systems, with applications to atomic and molecular physics.

Second term: 3 hours *Professor P. R. Wallace*

Text: Slater and Frank, *Mechanics* (McGraw-Hill).

Reference books: Goldstein, *Classical Mechanics* (Addison Wesley); Corben and Stehle, *Mechanics* (Wiley).

Prerequisite to both parts: Physics 24, 25 and Mathematics 225.

32. PROPERTIES OF MATTER (Fac. Eng. 1366) (Half course). In both lectures and laboratory emphasis is placed upon the following subjects: the constant of universal gravitation, acceleration due to gravity, determination of moments of inertia, bifilar suspension, compound and ballistic pendulums, elasticity and the determination of elastic moduli, viscosity of liquids and gases, surface tension.

1 hour; laboratory (32L): 3 hours. *Professor Gunn*

Prerequisite: Physics 11, 24, 25; Mathematics 224 or 225.

Text: Newman and Searle, *General Properties of Matter* (Benn).

Reference book: Champion and Davy, *Properties of Matter* (Blackie).

33. ELECTRICAL MEASUREMENTS (Fac. Eng. 1384, 1386) (Full course, or two half courses). This course is divided into two distinct parts, namely 33M, ELECTRICAL MEASUREMENTS (1 hour lecture, 3 hours laboratory), and 33E, ELECTRONICS (1 hour lecture and 2 hours laboratory). Each part may be taken separately throughout the session as a half course.

(33M). D-C. instruments and measurements, galvanometer theory, instrument calibration; A-C. circuit theory, operational methods, applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

(33E). Theory and application of electronic devices and circuits, elementary radio-engineering.

2 hours; laboratory (33L), 5 hours. *Professor Watson and Mr. de Angelis*

Prerequisite: Physics 23.

Reference books: Law, *Electrical Measurements* (McGraw-Hill); Hague, *Alternating Current Bridge Methods* (Pitman, London); Harnwell, *Principles of Electricity and Electromagnetism* (McGraw-Hill); Campbell and Childs, *The Measurement of Inductance, Capacitance, and Frequency* (Macmillan); Kruft Laboratory Staff, *Electronic Circuits and Tubes* (McGraw-Hill); Terman, *Radio Engineering* (McGraw-Hill); Reich, *Theory and Application of Electron Tubes* (McGraw-Hill).

34. ADVANCED HEAT (Fac. Eng. 1342) (Full course). The first and second laws of thermodynamics; thermodynamic systems and variables and their mathematical manipulation. Thermodynamics of specific problems including two-phase systems, heat engines, Joule-Thomson effect, thermionic emission, thermal radiation. Kinetic theory of gases and introduction to statistical mechanics. Thermometry and calorimetry.

2 hours; laboratory † (34L) *Professor Hitschfeld*

Prerequisite: Physics 22a and Mathematics 224 or 225.

Text: Sears, *Introduction to Heat, Thermodynamics, Kinetic Theory and Statistical Mechanics* (Addison-Wesley)

Reference books: Zemansky, *Heat and Thermodynamics* (McGraw-Hill); Hoare, *Textbook of Thermodynamics* (Longmans Green); Sir James Jeans, *Kinetic Theory of Gases* (C.U.P.); Worthing & Halliday, *Heat* (Wiley).

35a. ELECTRON PHYSICS (Fac. Eng. 1362) (Half course). Charge and mass of the electron. The electron as a constituent of matter: atomic structure; electrons in metals and insulators. Liberation of electrons from matter; thermionic emission, secondary emission, photoelectric emission, ionization processes, electrical discharges in gases. Control of free electrons: electron ballistics, electron optics. Wave characteristics of the electron; electron diffraction. Applied electronics: cathode-ray oscillograph, X-ray tubes, electron microscope, radio-tubes.

First term: 2 hours. *Professor Pounder*

Prerequisite: Physics 23.

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†34L is included in 33L and 43L. Subject to confirmation each session, the Department of Mining and Metallurgy arranges for students in Physics 34L to do additional practical tests in the Metallurgical Laboratory. (This arrangement will not be feasible in the session 1953-54.)

Reference books: Stranathan, *The Particles of Modern Physics* (Blakiston); Millman and Seely, *Electronics* (McGraw-Hill); Richtmyer and Kennard, *Introduction to Modern Physics* (McGraw-Hill).

FOURTH YEAR COURSES

41. MATHEMATICAL PHYSICS (Mathematics 441) (Fac. Eng. 1390) (Full course). Vibration problems, eigenfunctions and eigenvalues, sound waves, scattering problems. Fourier transforms and application to problems of heat heat conduction and diffusion. Introduction to relativity and wave mechanics. Twelve lectures on topics arising in spectroscopy and nuclear physics will be given by Professor Foster.

3 hours *Professors P. R. Wallace and Foster*

Prerequisite: Mathematics 333.

Reference books: Margenau and Murphy, *The Mathematics of Physics and Chemistry* (McGraw-Hill); Coulson, *Waves* (Oliver and Boyd); Lindsay, *Concepts and Methods of Theoretical Physics* (Van Nostrand); Jaegar, *Introduction to Applied Mathematics* (Oxford); Joos, *Theoretical Physics* (Blackie); Sommerfeld, *Partial Differential Equations* (Academic Press); Born, *Atomic Physics* (Blackie).

42. ELECTROMAGNETIC THEORY (Fac. Eng. 1388) (Half course). Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials, electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics: skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennae.

First term: 1 hour. Second term: 2 hours. *Professor Wagner*

Prerequisite: Physics 23 and Mathematics 333.

Text: Slater and Frank, *Electromagnetism* (McGraw-Hill).

Reference book: Ramo and Whinnery, *Fields and Waves in Modern Radio* (Wiley).

43. ATOMIC PHYSICS. (Fac. Eng. 1382) (Full course). Review of classic experiments of atomic physics, determination of physical properties and constants of atoms, ions, and electrons, mass-spectrograph, elements of thermionics and photo-electricity, X-ray analysis, cosmic rays, atomic structure, radiation absorption and emission, advent of quantum theory and wave-mechanics, philosophical problems in modern physics.

2 hours; laboratory (43L), 3 hours. *Professor Foster*

NOTE: *The first half of this course, 43a,* may be taken as a half course.

Prerequisite: Physics 35a.

Text: Born, *Atomic Physics* (Blackie).

Reference books: Richtmyer and Kennard, *Introduction to Modern Physics* (McGraw-Hill); Stranathan, *The Particles of Modern Physics* (Blakiston); Harnwell and Livingood, *Experimental Atomic Physics* (McGraw-Hill).

44b. RADIOACTIVITY. (Fac. Eng. 1392) (Half course). The phenomena of radioactive disintegration and the laws of transformations of successive products. The nature and properties of the radiations, methods of detection and of measurement. Mechanisms of absorption and scattering. Neutrons, positrons, and the constitution of nuclei. Methods of producing artificial disintegrations and their products. Introduction to nuclear physics.

Second term: 2 hours; laboratory (44L), held with 43L, second term.

Professor Terroux

Prerequisite: Physics 35a.

Reference books: Rutherford, Chadwick, and Ellis, *Radiations from Radioactive Substances* (C.U.P.); Hevesy and Paneth, *A Manual of Radioactivity* (C.U.P.); Cork, *Radioactivity and Nuclear Physics* (Van Nostrand); Lapp and Andrews, *Nuclear Radiation Physics* (Prentice-Hall).

45. ADVANCED LIGHT. (Fac. Eng. 1364.) (Full course.) The essentials of geometrical and physical optics with advanced laboratory work. Electromagnetic theory, interference, diffraction, polarization, simple spectrum analysis, determination of fine structure of spectral lines, Zeeman effect, theory and use of optical apparatus (e.g., glass and quartz spectrographs. Lummer plates, interferometers, and polarimeters).

2 hours; laboratory (45L), 3 hours. *Professor McPherson*

Prerequisite: Physics 11, Mathematics 224 or 225.

Reference books: Robertson, *Physical Optics* (Van Nostrand); Wood, *Physical Optics* (Macmillan); Jenkins and White, *Fundamentals of Physical Optics,* (McGraw-Hill). Hardy and Perrin, *The Principle of Optics,* (McGraw-Hill).

46a. ASTROPHYSICS. (Half course.) Elementary review of the determination of the positions, sizes, motions and temperatures of the stars. Spectroscopy as applied to the problems of astrophysics. Practice measurements and analysis of typical stellar spectrograms.

First term: 2 hours, laboratory (46L): 2 hours.

Prerequisite: Physics 11.

Reference books: Russel, Dugan and Stewart, *Vols. I, II, Astronomy* (Ginn); Aitken, *The Binary Stars* (Univ. of California Pub.).

(*Not offered in 1953-54.*)

47a. APPLIED GEOPHYSICS. (Fac. Eng. 1360.) (Half course.) An introduction to geophysical methods of prospecting and of investigating subsurface structure. The theories, the uses, and the limitations of various magnetic, electrical, gravitational, and seismic methods are explained and compared. The practical operation of the instruments is reviewed, and actual field results are obtained and analysed. When possible, students will be given some practical experience in the field.

First term: 2 hours. *Professor Watson*

Prerequisite: Physics 23.

Text: Eve and Keys, *Applied Geophysics, 2nd ed.* (Cambridge Univ. Press).

Reference book: Heiland, *Geographical Exploration* (Prentice-Hall).

HONOURS COURSE IN MATHEMATICS AND PHYSICS

Prerequisite: High standing in first year Mathematics, Physics 11 or 21 or 22. First Year students intending to take this Honours course are advised to take Physics 22 and Mathematics 113, if their time table permits; in this case they should also attend that part of Physics 11 which deals with electricity and magnetism.

Second year: Mathematics 225, 226, 227a, 227b; Physics 23, 24, 25. (One other approved course may be added as an extra.)

Third year: Mathematics 333, 334; Physics 31, 32, 33E, 34, 35a, 45.

Fourth year: Mathematics 441*, 442a, 444, 446a or 448b; Physics 42, 43, 44, 33M.

Third and Fourth year Honours students are advised to attend the Physical Society and colloquia.

It is recommended that a reading knowledge of scientific French and German should be obtained before the end of the Fourth year.

OPTIONS IN THE HONOURS COURSE IN MATHEMATICS AND PHYSICS

(1) Applied Mathematics Option

Second year: (As indicated above.)

Third year: Mathematics 333, 334, 339; Physics 31, 33M, 34, 35a.

Fourth year: Mathematics 441, 442a, 442b, 444, 446a, 448b; Physics 42, 44b, 43 or 45.

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*Mathematics 441 = Physics 41. For registration purposes, "Mathematics 441" (not "Physics 41") should be used in all forms and records.

(NOTE:—Physics 31 = Mathematics 331; and Physics 41 = Mathematics 441. "Physics 31" and "Mathematics 441" should, however, be used in all forms and records.)

(2) Engineering Option

Subject to the approval of the Chairmen of the Departments of Physics, Mathematics, and Electrical Engineering, Honours students in Mathematics and Physics who desire some training in Engineering may substitute Electrical Engineering courses 460 and 462 for Physics 32 and 33 in the third year; these two courses would then be taken in their fourth year instead of one full or two half Mathematics courses. The summary of the courses for students taking this option would then be as follows:

Third year: Mathematics 333, 334; Physics 31, 34, 35; Electrical Engineering 460, 462.

Fourth year: Mathematics 441, 444; Physics 32, 33, 42, 43, 44, 45.

A student taking this option is eligible to receive the B.Sc. degree with Honours in Mathematics and Physics, and in a Fifth year he may proceed towards an M.Sc. degree by taking further courses in Physics and Electrical Engineering.

Note:—The above option corresponds to the course formerly known as the Engineering Physics division of the Honours Course in Mathematics and Physics. See the Announcement of the Faculty of Engineering for data concerning the course in Engineering Physics offered to students in Engineering.

(3) Meteorology Option

Students intending to proceed later with advanced or graduate training in Meteorology, may, with the approval of the departments concerned, substitute Geography 44 (Meteorology) (see page 1087) for one full or two half courses in Fourth year Mathematics. (Unless otherwise arranged, and also approved by the Mathematics Department, Mathematics 444 would be retained as in the Engineering option given above, but Geography 44 would be taken in the Fourth year and there would be no change in the Third year.)

(4) Other Options

Subject to the approval of the departments concerned, other alternative options may be substituted, as in the case above, for one of the Mathematics courses.

HONOURS COURSE IN PHYSICS AND GEOLOGY

First year: Physics 22 (if possible rather than Physics 11); Mathematics 113 (if possible rather than Mathematics 111); Chemistry 11, English 100, 100C; Geology 121; Surveying 324, 352, the last pair constituting an extra half course.

Second year	Physics 23; Mathematics 225; Physics 24, 25; Geology 221, 231a, 232b, 233b; Surveying 376, 377, the last pair constituting an extra half course.
Third year:	Physics 31a, 32, 45, 47a; Mathematics 334a; Geology 331a, 332a, 333b; Chemistry 24. *Note:* A Third year laboratory in Geophysics may be provided.
Fourth year:	Physics 33, 43a, 44b; Physics 41 *or* Chemistry 44; Geology 343a, 345b, 441, 442b, 443b.
Summer Work	(in addition to Surveying Summer School). Two seasons' work on Geological Field Parties and one season's work on a Geophysical Field Party to be undertaken at the earliest opportunity in the course.

HONOURS COURSE IN PHYSICS AND PHYSIOLOGY

First year:	Mathematics 113, Physics 22, Chemistry 11, Botany 11a or Zoology 11a, Zoology 11b, English 100, 100C.
Second year:	Physics 23, 24; Chemistry 22, 24; Mathematics 225; Anatomy 1a or Zoology 22a.
Third year:	Physiology 31; Physics 31, 33; Mathematics 333; Biochemistry 31.
Fourth year:	Physics 32, 41, 43, 44b; Physiology 41, 41L.

CONTINUATION COURSES

Second year:	Physics 22 or 21*, or other courses as listed for the Third year, below, by special permission.
Third year:	Physics 23, (24b, 25) or other courses, by departmental permission.
Fourth year:	Physics (32, 35a), (43a, 44b), (35a, 47), (35a, 44b) or other courses by departmental permission.

Students selecting Physics as a Continuation Subject must also select Mathematics 224 or 225, and later 337a and 337b.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

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*In the case of students taking physics as a continuation subject, Course 21 may be chosen only when timetable limitations prevent the choice of Course 22 or 23 or (24b and 25).

PHYSIOLOGY

Joseph Morley Drake Professor F. C. MacIntosh, *Chairman*

Professor A. S. V. Burgen

Associate Professors B. Delisle Burns
Norris Giblin

Assistant Professors Simon Dworkin
Paul Sekelj
Kathleen G. Terroux

Lecturers V. B. Brooks
Helen Henrikson
A. L. Johnson

Teaching Fellow Peter Oborin

21. HUMAN BIOLOGY. (Full course.) A concise account of the structure and function of the human body, given jointly by the Departments of Anatomy, Biochemistry, and Physiology. For Second and Third year Arts and Science students, Third year students in the School of Physical Education, and students in the School of Physical and Occupational Therapy and the School for Graduate Nurses.

Three hours. *Professors Martin, Thomson, and MacIntosh*

Prerequisites: Chemistry 11, Physics 11, Zoology 11b, and Chemistry 22 (the last-named course may be taken concurrently). This course does not serve as prerequisite for further courses in Physiology or for Biochemistry 31: for these Physiology 22 is required.

Text: Best and Taylor, The Living Body.

22. ELEMENTARY PHYSIOLOGY. (Full course.) For Second and Third year Arts and Science students. An account of general physiological principles, combined with an introduction to basic techniques, intended primarily for students who will specialize in one of the biological sciences.

2 hours lecture and three hours laboratory. *Professor Terroux*

Prerequisites: Chemistry 11, Physics 11, Zoology 11b, Chemistry 22, and Zoology 21 (the last two may be taken concurrently with Physiology 22).

Texts: Amberson and Smith, Outline of Physiology; Lovatt Evans, Principles of Human Physiology.

31. INTERMEDIATE PHYSIOLOGY. (One and one-half courses.) A more detailed survey of the subject, with special emphasis on the physiology of man.

3 hours lecture, 3 hours laboratory, and seminar. *Professor Giblin*

Prerequisite: Physiology 22.

Note: This course is the same as the First year medical course in Physiology, except for the seminar, which is not attended by medical students. The Third and Fourth year courses in Physiology may be taken by Honours students in Physiology and by students qualifying for graduate study in Physiology. Other suitably qualified students may be admitted, if space is available, by application to the Chairman of the Department of Physiology. These courses are not available as continuation courses.

Texts: Lovatt Evans, Principles of Human Physiology; Wiggers, Physiology in Health and Disease; Wright, Applied Physiology.

41. ADVANCED PHYSIOLOGY (Full course). A detailed study of certain branches of the subject, with particular attention to the nervous system. Part of the course consists of lectures and laboratory work given jointly by the Departments of Anatomy, Neurology, and Physiology, and is listed as Physiology 2 in the Announcement of the Faculty of Medicine.

3 hours lecture, and seminar, beginning early in September. *Dr. Brooks*

Prerequisite: Physiology 31.

Reference books: Fulton, Textbook of Physiology; Ranson, Anatomy of the Nervous System; Davson, Textbook of General Physiology; Bayliss, General Physiology; Prosser, Comparative Physiology; Barcroft, Architecture of Physiological Function.

41L. ADVANCED PHYSIOLOGICAL LABORATORY (Full course).

8 hours, beginning early in September. *Dr. Brooks*

Prerequisite: Physiology 31. Physiology 41 must be taken at the same time.

42. SELECTED TOPICS IN PHYSIOLOGY (Full course).

1 hour lecture, laboratory, and seminar. *Professor MacIntosh*

Prerequisite: Physiology 31.

HONOURS COURSE IN PHYSIOLOGY

Students are normally admitted to Honours at the beginning of the Third year, on the basis of high standing in Physiology 22 and the other prerequisite courses. In exceptional cases, students who have not taken Physiology 22, but have completed the other prerequisite courses, may also be admitted to Honours at the beginning of the Third year; such students will then take Physiology 31 as their first course in Physiology.

First year: Physics 11, Chemistry 11, Zoology 11a and 11b. (With permission, Botany 11a may be substituted for Zoology 11a.)

Second year: Physiology 22, Zoology 21, Chemistry 22, and either one or two of Chemistry 24, Physics 21, or Mathematics 224.

Third year: Physiology 31, Biochemistry 31 and 32, and two courses from Physics 23, Physics 30, Chemistry 24, Mathematics 224, Zoology 22a, or Anatomy 1a.

Fourth year: Physiology 41, 41L and 42, Biochemistry 43, and one course from Physics 35a, Biochemistry 45, Genetics 44, etc.

HONOURS COURSE IN PHYSICS AND PHYSIOLOGY

First year: Mathematics 113; Physics 22; Chemistry 11; Botany 11a or Zoology 11a; Zoology 11b; English 100; English 100C.

Second year: Physics 23, Physics 24; Chemistry 24; Mathematics 225; Anatomy 1A or Zoology 22A; Chemistry 22.

Third year: Physiology 31; Mathematics 333; Physics 31, Physics 33; Biochemistry 31.

Fourth year: Physics 41, Physics 32, Physics 43, Physics 44b; Physiology 41, Physiology 41L.

PSYCHOLOGY

Professors	D. O. Hebb, *Chairman* G. A. Ferguson
Associate Professors	A. S. Luchins E. C. Webster
Assistant Professors	Dalbir Bindra
Lecturers	Herbert Dörken Georges Dufresne Verity Ross I. H. Scheier Blossom Wigdor

The courses listed in Psychology include specialist courses mainly for the Honours student: 31a, 31b, 44a, and 44b; and special-purpose courses which are normally not open to undergraduate Honours students: 25, 36b, and most courses numbered 51 or higher. General students wanting courses in keeping with their particular interests are advised to consult a member of the staff before registration.

The courses in specialized technical methods, 51a, 52a, 55, and 54b, are listed in this Announcement since they may on occasion be taken by undergraduate students with consent of the Department, but they

are primarily for graduates. It is important, for the Honours student particularly, to understand that the undergraduate programme is *not* a training for professional work in psychology. The student who wants such training should take an Honours degree and must then have at least one year of postgraduate work.

21. INTRODUCTION TO PSYCHOLOGY. Second year. (Full course.) A biologically oriented outline of the modern approach to psychology.

2 hours and one weekly conference. *Professors Hebb and Bindra*

Prerequisite to all further courses in Psychology except Courses 22 and 25.

Text: Munn, *Psychology* (Houghton Mifflin).

22a or b. PSYCHOLOGICAL STATISTICS. Second or Third year. (Half course.) The statistical analysis of psychological data; frequency distributions: graphic representation; measures of central tendency and variability; elementary probability theory; the normal probability curve; simple correlation methods; elementary sampling theory and tests of significance.

First and second terms: 3 hours.

31a. PHENOMENA OF PERCEPTION AND LEARNING. Third or Fourth year. (Half course.) Introduction to laboratory instruments and procedures in which the student will investigate established phenomena of perception and learning.

First term: 1 hour; 4 hours laboratory.

Required of all Third year Honours students; open to general students only with the instructor's consent.

31b. EXPERIMENTAL METHODS (HUMAN). Third or Fourth year. (Half course.) The student will be required to carry out an experimental project in some field of psychological investigation.

Second term: 1 hour; 4 hours laboratory. *Professor Ferguson and Staff*

Required of all Third year Honours students; open to general students only with the instructor's consent.

33a. DEVELOPMENTAL PSYCHOLOGY. Third or Fourth year. (Half course.) Study of the development of behavior, with emphasis on animal and human experiment.

First term: 3 hours.

33b. HUMAN DEVELOPMENT. Third or Fourth year. (Half course.) Survey of the human problems of childhood, adolescence, maturity, and old age.

Second term: 3 hours.

Prerequisite: Psychology 33a.

34a. DYNAMICS OF BEHAVIOR. Third or Fourth year (Half course). Facts and theories of emotion and motivation.

First term: 2 hours and one weekly conference. *Professor Bindra*

34b. THEORY OF PERSONALITY. Third or Fourth year (Half course). Consideration of current theories of personality, normal and abnormal.

Second term: 2 hours and one weekly conference. *Professor Bindra*

36b. HUMAN RELATIONS IN BUSINESS AND INDUSTRY. (Half course.) A general introduction to industrial psychology with emphasis upon its social foundations.

Second term: 3 hours. *Professor Webster*

Prerequisite: Psychology 34a, or permission of the Instructor.

41a. EXPERIMENTAL METHODS (ANIMAL). Third or Fourth year. (Half course.) Methods, theoretical conceptions, and present problems in the comparison of species, with emphasis on mammals from rat to man.

First term: 3 hours. ———

Prerequisite: Psychology 21, and consent of the instructor.

42. SOCIAL PSYCHOLOGY. Fourth year. (Full course.) Theories of social psychology; social aspects of general psychology; nature and development of group membership; social attitudes, their measurement and modification.

3 hours. *Professor Luchins*

43a. HISTORY OF PSYCHOLOGY. Fourth year and graduate. (Half course.)

First term: 3 hours. ———

43b. MODERN PSYCHOLOGY IN HISTORICAL PERSPECTIVE. Fourth year and graduate. (Half course.) Modern theoretical issues, and systematic formulations, considered from the point of view of their origins.

Second term: 3 hours. *Professor Bindra*

44a or b. EXPERIMENTAL PROBLEMS. Fourth year and graduate. (Half course.) Supervised investigation of a special field. Open to fourth year Honours students.

3 hours in one term. *Professor Hebb and Staff*

45b. THEORY OF LEARNING. Fourth year and graduate. (Half course.) Detailed consideration of current theories.

Second term: 3 hours. ———

46a. PHYSIOLOGICAL BASIS OF PERCEPTION. Fourth year and graduate. (Half course.) Consideration of auditory, tactual, and visual phenomena in relation to current knowledge of neural processes.

First term: 3 hours.

46b. PHYSIOLOGICAL PSYCHOLOGY. Third or Fourth year. (Half course.) The relationship of behaviour to the nervous system, particularly with regard to the effect of modern neurophysiological conceptions on psychological theory.

Second term: 3 hours.

Text: Morgan and Stellar, *Physiological Psychology.*

ADDITIONAL COURSES

51a. METHODS OF TEST CONSTRUCTION. Fourth year and graduate. (Half course.) Methods of measurement, reliability, validity, item analysis, etc.

First term: 3 hours. *Professor Webster*

52a. APPRAISAL OF INTELLIGENCE. Fourth year and graduate. (Half course.) A training course in the application of individual tests of intelligence.

First term: 1 hour, 4 hours of practice testing.

Prerequisite: Psychology 51a concurrently and permission of the instructor.

54b. INDUSTRIAL PSYCHOLOGY. (Half course.) Didactic treatment of problems of industry.

Second term: 3 hours. *Professor Webster*

Prerequisite: Psychology 51a.

55. APPRAISAL OF PERSONALITY. Lectures on the theory of personality and on the techniques of personality evaluation; training in the administration and interpretation of projective techniques, such as the Rorschach Test and the Thematic Apperception Test, and of other selected techniques.

Second term: 1 hour; 4 hours of practice testing. *Professor Luchins*

Prerequisite: Psychology 51a and permission of the instructor.

HONOURS COURSES

Admission to Honours will normally take place at the beginning of the Third Year, and be determined by the student's standing in Psychology 21, 22a or 22b, and in related subjects. If Psychology 22a has not been taken in the Second Year, this deficiency must be made up immediately.

Granting of Honours will not depend on high marks alone, nor on taking a large number of courses in psychology, but on the student's comprehension of psychological principles, knowledge of related fields, and his ability to express himself well. Honours standing will therefore be determined (a) by a comprehensive examination. (b) by a short thesis which will be judged for adequacy of presentation as well as content, and (c) by course standing.

In each of their Third and Fourth years, Honours students will normally take two and a half courses in Psychology and the balance in related fields, including Philosophy as well as the Social and Biological Sciences. For the B.Sc. student a course in Physiology is required, and the prerequisites for it should be taken in the first two years. The B.A. student may take a sequence of Social-Science courses, approved by the Department, in place of Physiology.

CONTINUATION COURSES

Second year: Psychology 21, 22a or 22b.

Third year: Psychology 33a, 33b, 34a, 34b.

Fourth year: Psychology 41a, 42, 43a, 43b, 45a, 45b, 46a, 46b.

RELIGION

DEAN J. S. THOMSON AND MEMBERS OF THE FACULTY OF DIVINITY

Four courses in biblical literature, the philosophy of Christianity, and comparative religion are now open to B.A. and B.Sc. students in the Third and Fourth years.

RELIGION 1a—BIBLICAL LITERATURE. Third or Fourth year. (Half course.) The purpose is to give the student a critical appreciation of the literary and religious content of the Old Testament, seen in relation to the historical circumstances of its origin in the life of Israel and Judaism. In dealing with the religious context, an attempt will be made to avoid any doctrinal or authoritative interpretations.

Second term: three hours. *Professor R. B. Y. Scott*

Text: Chase, The Bible and the Common Reader.

RELIGION 1b—BIBLICAL LITERATURE. Third or Fourth year. (Half course.) An introductory study of the New Testament designed to show the historical beginnings of Christianity in terms of its early expression. The literature will be set in the social and cultural environment of the Graeco-Roman world. The variety of its authorship and composition will be

studied in order to show the structure of the Synoptic Gospels, the Pauline and other Epistles, the Johannine Gospel and Epistles. An appreciation will be given of the distinctive, cultural values of the various books.

First term: 3 hours. *Professor G. B. Caird*

RELIGION 2—THE GROWTH AND MEANING OF CHRISTIANITY. Third or Fourth year. (Full course.) The purpose of this course is to present Christianity as an influence on thought and civilization in terms of its own historical development. Beginning with the life and teaching of Jesus, the more significant stages will be studied, particularly with reference to the Graeco-Roman-Judiac world in which Christianity arose, the influence of St. Augustine, the mediaeval order of life, the rise of modern thought, and the expansion of European civilization, with a discussion of the contemporary relevance of Christian ideas to thought and action.

3 hours. *Professor James S. Thomson*

Texts: The New Testament; R. W. Moore, The Furtherance of the Gospel; G. B. Caird, The Truth of the Gospel; Bettenson, Documents of the Christian Church.

RELIGION 3—RELIGION IN THE ORIENT. Third or Fourth year. (Full course.) An introduction to the great religions of the Orient, with special emphasis on one of them. Each year there will be in the first term, after a brief reference to the religion of pre-historic man and of modern "primitive" societies, a prefatory general survey dealing synoptically with each of the main faiths. In the second term, a fuller historical study will be made of one of the Oriental religions, its teaching, institutions, and cultural achievements, with an attempt to interpret what it means to its adherents.

3 hours. *Professor W. C. Smith*

(N.B. These classes will be conducted in Divinity Hall, 3520 University Street. Students intending to take these classes should inquire at the office of the Dean, Divinity Hall, concerning arrangements.)

ROMANCE LANGUAGES

French Section

Professors J. E. L. LAUNAY, *Chairman of the Department*

Associate Professor HÉLÈNE LARIVIÈRE

Associate Professor (post-retirement) LUCIE TOUREN-FURNESS

Assistant Professors	Louis d'Hauteserve
	Marie-Thérèse Reverchon
	André A. Rigault
Lecturer	Tadeusz Romer
Sessional Lecturer (part-time)	Eva Kushner

Italian Section

Professor	Antonio D'Andrea

Spanish Section

Associate Professor	L. B. Harrop
Assistant Professor	Robina E. Henry
Lecturer	C. F. Stegen

FRENCH

Every lecture, even in the First year, is given in French. Students with very little knowledge of spoken French will find it necessary to do extra work to acquire some fluency in the language.

All students who intend to take Honours in French or make French their field of major concentration are strongly advised to attend the French Summer School either before or after the First year.

Both oral and written examinations are held on each year's work.

The oral examination (in both General and Honours courses) counts for 50 per cent.

Students who intend to take Honours in French in their Second year must take a course in Latin or Greek in their First year.

GENERAL COURSES—

FIRST YEAR COURSES

1. Students not intending to continue with French beyond the First year should enrol in *French 13*, which is *not* an easier course, but one which does not include studies in French literature.

2. All other students should enrol in *French 12* (*Ordinary*) except

(a) those primarily English-speaking students who have obtained at least 80% in their French papers in the Junior Matriculation or High School Leaving Certificate or the equivalent diploma which secured their admission to the University; and

(b) those students whose first language is French,

who should enrol in French 11 (*Advanced*).

In any case, all students enrolled for *French 11* (*Advanced*) will undergo a test at the beginning of the term, and those who do not satisfy the requirements will automatically revert to *French 12* (*Ordinary*).

11. (Advanced)
12. (Ordinary)

FRENCH (Full course). General survey of Literature in the 18th and 19th centuries; French composition.

3 hours. *Professor Larivière and Staff*

ORDINARY AND ADVANCED SECTIONS

Texts: Bradley and Michell, Eight Centuries of French Literature (Appleton-Century-Crofts); Whitmarsh, Complete French Course (Longmans); Romains, Knock (The Century Co.); Calvet, Petite Histoire Illustrée de la Littérature Française (de Gigord).

Additional reading for ordinary sections: Saint-Exupéry, Vol de nuit (Harper).

ADVANCED SECTIONS ONLY

Text: Saint-Exupéry, Vol de nuit (Harper).

13. SPECIAL SECTION FOR STUDENTS NOT INTENDING TO CONTINUE WITH FRENCH BEYOND THE FIRST YEAR.

3 hours. *Professor Rigault and Staff*

Texts: Harold March, Types of the French Short Story (Ronald Press); Whitmarsh, Complete French Course (Longmans); Bagley and Diller, La France d'autrefois et d'aujourd'hui (Appleton-Century-Crofts).

N.B. Students who, after passing this course, wish to continue French in their Second year, will be accepted in French 23.

SECOND YEAR COURSES

21. GENERAL SURVEY OF FRENCH LITERATURE FROM THE MIDDLE AGES THROUGH THE 16TH AND 17TH CENTURIES. French Composition and Phonetics (Full course).

3 hours. *Professor Reverchon and Staff*

Texts: Bradley and Michell, Eight Centuries of French Literature (Appleton-Century-Crofts); Whitmarsh and Jukes, Advanced French Course (Longmans); Calvet, Petite Histoire Illustrée de la Littérature Française (de Gigord); Corneille, Le Cid (Petits classiques Larousse); Molière, Le Bourgeois Gentilhomme (Petits classiques Larousse).

23. COMMERCIAL INDUSTRIAL, AND SCIENTIFIC FRENCH (Full course).

Open to students who have passed French 13 or its equivalent, except B.A. students taking French as a Continuation Subject.

3 hours. *Professor d'Hauteserve*

Texts: Lebert, Pasteur (The Dryden Press); Whitmarsh and Jukes, Advanced French Course (Longmans); Durtain, Les Grandes Figures de la Science Française (Hachette).

THIRD YEAR COURSES

31. FRENCH LITERATURE OF THE 17TH CENTURY (Full course).

3 hours. *Professor Larivière*

Texts: Lanson and Tuffrau, Histoire de la Littérature Française (Heath); Peyre and Grant, Seventeenth Century French Prose and Poetry (Heath); Seronde and Peyre, Nine Classic French Plays (Health); Whitmarsh and Jukes, Advanced French Course.

Readings: Corneille, Le Cid and Horace; Racine, Andromaque and Phèdre; Molière, L'Ecole des Femmes and Tartuffe; Pascal, Pensées; Bossuet, Oraison Funèbre d'Henriette d'Angleterre; Mme de Sévigné, Lettres choisies; La Fontaine, Fables choisies; Mme de La Fayette, La Princesse de Clèves.

32. FRENCH LITERATURE OF THE 18TH CENTURY (Full course).

3 hours. *Professor Reverchon*

Texts: Lanson and Tuffrau, Histoire de la Littérature Française (Heath); A. Schinz, Eighteenth Century French Readings (Holt); Marivaux, Le jeu de l'amour et du hasard (Heath); Voltaire, Candide (Holt); Beaumarchais, Le Barbier de Séville (Holt).

Readings: Lesage, Gil Blas (Extraits); Montesquieu, Les Lettres persanes; Voltaire, Les Lettres philosophiques; Diderot, Le Neveu de Rameau; Beaumarchais, Le Mariage de Figaro; Rousseau, Confessions (Extraits).

FOURTH YEAR COURSES

41. MODERN FRANCE—GEOGRAPHICAL OUTLINE—POLITICAL, SOCIAL, AND ECONOMIC ASPECTS OF FRENCH LIFE, SINCE 1870 (Full course). (*Open also to Third year students with a good command of spoken French.*)

3 hours. *Professor Launay*

As no textbooks are available for this course, an ability to take notes in French is essential.

42. LITERATURE AND SOCIAL IDEAS IN THE 19TH CENTURY (Full course). (*Open to Third year students also.*)

3 hours. *Professor d'Hauteserve*

(*Given in 1954-55.*)

43. FRENCH LITERATURE OF THE 19TH AND 20TH CENTURIES (Full course). One hour weekly will be devoted to discussion of texts in small groups.

3 hours. *Professor Furness*

Texts: Borgerhoff, Nineteenth Century French Plays (Appleton-Century-Crofts); Galland and Cros, Nineteenth Century French Verse (Appleton Century); Balzâc, le Père Goriot (Nelson).

Readings: Hernani, Le Gendre de monsieur Poirier, Les Corbeaux, Cyrano de Bergerac; Lyrical Poetry of the Nineteenth Century; Le Père Goriot, Madame Bovary, Le Disciple.

HONOURS COURSES

22. INTRODUCTORY HONOURS COURSE. Second year (Full course).

(*a*) The French comedy as illustrated by Molière, Beaumarchais, and Musset; (*b*) Special readings in the contemporary French novel; (*c*) Free composition, written and oral, on literary subjects.

3 hours. *Professors Furness and Rigault*

With the consent of the Department this course may be taken by General students, instead of French 21.

44a. HISTORY OF THE FRENCH LANGUAGE. Third and Fourth year. To be taken in conjunction with French 44b or 46.

Reference Books: Darmesteter, Cours de Grammaire historique. Parts I, II; F. Brunot, Histoire de la langue française; Holmes and Schutz, A History of the French Language (Farrar & Rinehart).

1 hour. *Professor d'Hauteserve*

44. FRENCH STYLISTICS. Fourth year (Full course). Thought and Expression—intellectual and affective elements of speech with special reference to synonymy. Social and psychological background of words and phrases. Levels of speech.

2 hours. *Professor Launay*

45. HISTORY OF THE FRENCH NOVEL. Third year (Full course).

3 hours. *Professor Launay*

(*Given in 1954-55.*)

46. HISTORY OF THE FRENCH LYRICAL POETRY. Third and Fourth years (Full course).

2 hours. *Professor Larivière*

47. SURVEY OF CONTEMPORARY FRENCH LITERATURE. Third and Fourth years (Full course).

3 hours. *Professor Larivière*

(*Given in 1954-55.*)

48. ADVANCED PHONETICS. Third and Fourth years (Half course).

2 hours. *Professor Rigault*

RECOMMENDED COGNATE COURSE

50. LINGUISTICS. Open to Second and Third year students (Full course). An elementary survey of human speech, its nature, origin, structure, and classification; principles of linguistic changes, writing, and the alphabet; universal or auxiliary languages.

3 hours. *Professor C. H. Carruthers*

HONOURS COURSES IN FRENCH

Honours in French begin in Second year. Only exceptionally will students be permitted to take Honours Courses in their Third year without having previously passed French 21 and 22.

All students taking Honours in French are required to take in their Third or Fourth years French 44a, *History of the French Language;* French 44b, *French Stylistics;* and French 48, *Advanced Phonetics.*

Prerequisite: French 11 or 12.

Second year: French 21 and 22.

Third year: Three full courses (or the equivalent) including at least one full Honours Course.

Fourth year: Three full courses (or the equivalent) including at least one full Honours Course, and courses 44a, 44b, and 48 if not previously taken.

COMBINED HONOURS COURSE

Prerequisite: French 11 or 12.

Second year: French 21 and 22.

Third year: Two full courses (including one Honours Course) or their equivalent.

Fourth year: Two full courses (including one Honours Course) and courses 44a and 48 if not previously taken.

M.A. COURSES

See the Announcement of the Faculty of Graduate Studies and Research

ITALIAN

Students who take Italian in order to fulfil the modern languages requirement for the B.A. degree must take Italian 11 and Italian 21 over two separate years.

Two sets of courses are offered in Italian literature:

a) *Courses given in Italian* (Courses 31 and 41): Intended for B.A. students taking Italian as a continuation subject. Italian 11 and 21 (or their equivalent) will be prerequisite for these courses.

b) *Course given in English* (Course 25): This is open to all students, and no knowledge of the Italian language is necessary to take it.

11. FIRST YEAR. (Full course.) Grammar, reading, oral exercises, and composition.

3 hours. *Professor D'Andrea*

Texts: V. Cioffari, Italian Review Grammar and Composition (Heath); Goggio, A New Italian Reader for Beginners (Heath).

21. SECOND YEAR. (Full course.) Translation, free composition, conversation, introduction to Italian literature.

3 hours. *Professor D'Andrea*

Texts: V. Cioffari, Italian Review Grammar and Composition (Heath); Goggio, Six Easy Italian Plays (Heath); Collodi, Avventure di Pinocchio (Heath).

31. THIRD YEAR—A SHORT SURVEY OF ITALIAN LITERATURE. (Full course.)

3 hours. *Professor D'Andrea*

Texts: Donadoni, Breve Storia della Letteratura Italiana (Signorelli).

Readings and selected passages from: Dante, La Vita Nuova and La Divina Commedia; Petrarca, Il Canzoniere; Boccaccio, Il Decameron; Machiavelli, Il Principe; Ariosto, Orlando Furioso; Tasso, La Gerusalemme Liberata; Parini, Il Giorno and Le Odi; Foscolo, Poems; Leopardi, I Canti; Carducci, Le Rime Nuove and Le Odi Barbare; De Sanctis, Saggi Critici; Pascoli, Myricae; D'Annunzio, Poema Paradisiaco and Alcyone; Gozzano, I Colloqui; Cecchi, Corse al Trotto; Vittorini, Conversazione in Sicilia; Montale, Le Occasioni; Croce, Contributo alla Critica di me stesso.

41. FOURTH YEAR—THE ITALIAN NOVEL IN THE 19TH AND 20TH CENTURIES. (Full course.)

3 hours. *Professor D'Andrea*

Texts: Donadoni, Breve Storia della Letterature Italiana (Signorelli); Momigliano, Antologia della Letteratura Italiana, 3rd vol. (Principato); Manzoni, I Promessi Sposi (Russo); Verga, I Malavoglia (Vallecchi).

Readings and selected passages from: Fogazzaro, Piccolo Mondo Antico; Pirandello, Novelle per un Anno; Panzini, Il Padrone sono me; Palazzeschi, Stampe dell '800.

(*To be given in 1954-55.*)

25. ITALIAN LITERATURE FROM THE ORIGINS TO MACHIAVELLI. (Full course.) Studies on Dante, Petrarca, Boccaccio and Machiavelli, with special emphasis on the civilisation of the Middle Ages and the Renaissance.

In 1953-54 the main subject of particular study will be Dante.

Lectures will be given in English. Students are not required to take the language courses as prerequisites.

3 hours. *Professor D'Andrea*

Texts: Dante, Divine Comedy (Temple Classics, Dent, London.)

Reference: The Renaissance Philosophy of Man (Petrarca, Valla, Ficino, Pico, Pomponazzi, Vives) edited by Cassirer, Kristeller, and Randall (Univ. of Chicago Press); W. K. Ferguson, The Renaissance in Historical Thought (Houghton Mifflin); L. Einstein, The Italian Renaissance in England (Columbia University Press); H. O. Taylor, The Medieval Mind (Macmillan); U. Cosmo, A Handbook to Dante Studies (Oxford).

SPANISH

Students who take Spanish in order to fulfil the Modern Language requirement for the B.A. degree must take Spanish 11 and Spanish 21 over two separate years.

11. FIRST YEAR. (Full course.) Grammar, reading, and dictation; oral exercises and composition.

3 hours. *Professor Henry and Mr. Stegen*

Texts: Walsh, *Introductory Spanish* (Norton); Helfer and Espinosa, *Primeras lecturas* (Oxford); Castillo and Sparkman, Graded Spanish Readers: Book II, *Sigamos leyendo* (Heath); Crow, *Spanish American Life* (Holt); Lentz, *A Spanish Vocabulary* (Blackie); Harrop, *Notes on Spanish Pronunciation.*

21. SECOND YEAR. (Full course.) Introduction to Spanish literature. Translation. Free composition. Elementary phonetics. Conversation.

3 hours. *Professor Henry and Mr. Stegen*

Texts: Tarr and Centeno, *A Graded Spanish Review Grammar and Composition*, Sections I and III (Crofts); Robles, *Tertulias españolas*; Brady and Turk, *Classical Spanish Readings*; Palacio Valdés, *La hermana San Sulpicio* (Holt); Harrop, *Notes on Spanish Pronunciation.*

31. THIRD YEAR. (Full course.) Nineteenth century literature in Spain. Free composition. Translation. Advanced phonetics. Conversation.

3 hours. *Professor Harrop*

Texts: Tarr and Centeno, *A Graded Spanish Review Grammar and Composition*, Section II (Crofts); Levy, *Present-Day Spanish* (Dryden Press); Foster, *Spanish Composition* (Norton); Watkins, *An Omnibus of Modern Spanish Prose* (Odyssey Press); Sánchez, *Nineteenth Century Spanish Verse*, Sections I, II, and III (Appleton-Century-Crofts); Alarcón, *El sombrero de tres picos* and *El capitán Veneno* (No. 37, Col. Aust.); Palacio Valdés, *Marta y María* (No. 133, Col. Aust.); *Teatro romántico* (No. 9, Biblioteca Literia del Estudiante); Harrup, *Notes on Spanish Pronunciation.*

32. SPANISH LITERATURE. Third year. (Full course.) A "great writers" course. This course is designed especially for those who will not be taking Spanish 41. It may be taken concurrently with, or in addition to, Spanish 31, 42 or 43.

3 hours. *Professor Harrop*

Texts: Ed. by Menéndez y Pelayo, *La cien mejores poesías líricas de la lengua castellana* (Sopena); Ed. by A. Malo, Cervantes, *Don Quijote de la Mancha* (Nos. 56 and 57 of Biblioteca Clásica Ebro, Zaragoza); Tirso de Molina, *El burlador de Sevilla* (Sopena); Calderón, *La vida es sueño* (Sopena); B. Pérez Galdós, *Doña Perfecta; Trafalgar* (Nos. 102 and 39, Biblioteca Contemporánea, Losada); Valera, *Juanita la larga* (Sopena); García Lorca, *Bodas de sangre; Libro de poemas; La casa de Bernarda Alba* (Biblioteca Contemporánea, Losada); *La novela picaresca* (No. 24 Biblioteca Literaria del Estudiante); *Romancero* (No. 25 Bib. Lit. del Estudiante); Azorín, *El paisaje de España visto por los españoles* (No. 164 Col. Aust.).

41 FOURTH YEAR. (Full course.) The Golden Age of Spanish Literature. Twentieth century literature in Spain. Free composition. Practice in phonetic transcription. Conversation.

3 hours. *Professor Harrop*

Texts: Sánchez, *Nineteenth Century Spanish Verse*, Sections IV and V; Levy, *Present-Day Spanish* (Dryden Press); Calderón, *La vida es sueño* (Sopena); Lope de Vega, *Fuenteovejuna* (Sopena); Ed. by A. Malo, Cervantes, *Don Quijote* (Nos. 56 and 57 of Biblioteca Clásica Ebro); M. de Maeztu, *Antología siglo XX* (No. 330, Col. Aust.); Valle-Inclán, *Sonatas* (No. 30, Bib. Contemp.); R. Pérez de Ayala, *Tigre Juan* (No. 198, Col. Aust.); *El curandero de su honra* (No. 210, Col. Aust.); R. Menéndez Pidal, *Flor neuva de romances viejos* (No. 100, Col. Aust.); *La novela picaresca* (No. 24, Bib. Lit. del Estudiante); Eulalia Galvarriato, *Cinco sombras* (Ancora); Harrop, *Notes on Spanish Pronunciation.*

42. SPANISH DRAMA OF THE 19TH AND 20TH CENTURIES. Fourth year. (*Open to Third year students of Spanish also.*) (Full course.)

3 hours. *Professor Harrop*

Texts: Jacinto Benavente, *Los intereses creados* and *Señora ama* (No. 34, Col. Aust.) and *La fuerza bruta* and *Lo cursi* (No. 305, Col. Aust.); Alvarez Quintero, *Puebla de la mujeres* and *El genio alegre* (No. 124, Col Aust.); Brett, *Nineteenth Century Spanish Plays* (Appleton); García Lorca, *Doña Rosita la soltera* and *Bodas de sangre* (Nos. 113 and 141, Bib. Contemp. B.A.); Martínez Sierra, *Canción de cuna* (Holt); Casona, *Nuestra Natacha* (Appleton); Cano and Saenz, *Easy Spanish Plays* (Heath).

(*To be given in 1954-55.*)

43. SPANISH-AMERICAN LITERATURE. Fourth year. (Also open to Third year students of Spanish.) (Full course.)

3 hours. *Professor Harrop*

Texts: Torres-Rioseco, *Antología de la literature hispano-americana* (Crofts); Güiraldes, *Don Segundo Sombra* (No. 49, Bib. Contemp., B.A.); Ciro Alegría, *El mundo es ancho y ajeno* (Crofts); Gallegos, *Doña Bárbara* (No. 168, Col. Aust.); Ricardo Palma, *Tradiciones peruanas* (No. 52, Col. Aust.); Walsh, *Seis relatos americanos* (Norton); Teresa de la Parra, *Ifigenia* (Ed. "Las Novedades", Caracas); Reyles, *El embrujo de Sevilla* (No. 208, Col. Aust.); Jorge Isaacs, *María* (Sopena); Florencio Sánchez, *Teatro* Vol. 1 (Sopena); *Novela de la revolución mexicana* (Biblioteca Enciclopédica Popular); *Poseía latinoamericana contemporânea* (Bib. Enc. Pop.).

COGNATE COURSE

385. HISPANIC CONTACTS WITH EUROPEAN LITERATURE. (Full course.) Special subjects: (*a*) The Picaresque Novel; (*b*) Don Quixote; (*c*) Don Juan; (*d*) English and Spanish Romanticism. A reading knowledge of Spanish is advisable.

3 hours. *Dr. Winifred I. Potter*

SPANISH COURSES, GENERAL

Recommended Reference Books: Cuyas and Llano, *New Spanish Dictionary* (Appleton); Castillo and Bond, *Spanish Dictionary* (U. of Chicago); *Pequeño Larousse Ilustrado* (Larousse); Angel del Río, *Historia de la literatura española* (Dryden); Torres Rioseco, *La Literature iberoamericana* (Ed. Emecé, B.A.); Américo Castro, *Iberoamérica* (Dryden); Ed. by E. Allison Peers, *Spain: A Companion to Spanish Studies* (Methuen); J. B. Trend, *The Civilization of Spain* (Home University); Ramsay, *A Textbook of Modern Spanish* (Holt); Stirling, *The Pronunciation of Spanish* (Cambridge); Carlos Vossler, *Introducción a la literatura española del Siglo de Oro* (No. 511, Col. Aust.); Espinosa, *Historia de la literatura española* (Oxford); Palencia, *La España del Siglo de Oro* (Oxford); Meras and Roth, *Pequeño vocabulario* (Heath); Romera-Navarro, *Antología de la literatura española* (Heath); Havelock Ellis, *The Soul of Spain* (Constable); Romera-Navarro, *Historia de la literatura española* (Heath).

SOCIOLOGY AND ANTHROPOLOGY

Associate Professors	Oswald Hall, *Chairman* William A. Westley
Assistant Professors	Aileen D. Ross Frederick Elkin Jacob Fried
Research Assistant	Roberta Marcus

SOCIOLOGY

The Introductory Course is divided into three lecture sections which are essentially the same, except that Third and Fourth year students should attempt to fit 21Z into their schedule. Students will indicate on their registration forms whether they are registering for 21X, 21Y, or 21Z.

Sociology 21 is prerequisite to all other courses in Sociology.

21X. INTRODUCTION TO SOCIOLOGY. Second year. (Full course.)
3 hours. *Professor Westley*

21Y. INTRODUCTION TO SOCIOLOGY. Second year. (Full course.)
3 hours. *Professor Elkin*

21Z. INTRODUCTION TO SOCIOLOGY. Third and Fourth years. (Full course.)
3 hours. *Professor Ross*

30a. MODERN COMMUNITIES. Third year (Half course). A survey of the literature on contemporary communities. Deals mainly with descriptions of distinctive community settings of the North American continent.

3 hours. *Professor Hall*

31a. PRIMITIVE SOCIETY. Third year. (Half course.) Identical with, and described under, Anthropology 31a.

3 hours. *Professor Fried*

Prerequisite: Sociology 21 or permission of instructor.

31b. COMPLEX SOCIAL STRUCTURES. Third year. (Half course.) Analysis of organized groups in a complex social system; classification of institutions; theory of institutional statuses and roles; career lines of individuals; case study of the professions.

3 hours. *Professor Hall*

Prerequisite: Sociology 31a.

33a. COLLECTIVE BEHAVIOR. Third year. (Half course.) Basis of, and adjustments to, social unrest; analysis of crowds, publics, propaganda; general and specific social movements; role of fads and fashions in social change; social revolutions and social change.

3 hours. *Professor Westley*

(*Not given in 1953-54.*)

33b. PUBLIC OPINION AND MASS COMMUNICATIONS. Third year (Half course). The nature of public opinion and mass communication; the social control, content, and influence of the press, radio, motion picture, and television; the nature of propaganda; pressure groups.

Professor Elkin

(*Not given in 1953-54.*)

34a. THE FAMILY. Third year. (Half course.) The structure and function of the family and its relation to the social structure; the family and social change; the family as a primary group; family disorganization and reorganization.

3 hours. *Professor Ross*

35b. MINORITY GROUPS. Third year. (Half course.) The origin and nature of minority group relationships; the ecology and economic position of minority groups; their interaction in the institutional structure; attitudes and ideologies concerning minority groups; conflict and social movements.

3 hours. *Professor Ross*

36a. CRIMINOLOGY. Third year. (Half course.) Theories of crime; social systems and their punitive practices; treatment of adult criminals; juvenile delinquency and remedial programmes.

3 hours. *Professor Westley*

38b. SOCIOLOGY OF THE CHILD. Third year (Half course). The process of socialization; associational life of the individual from infancy to adolescence; childhood and adolescent roles; the influence of the family, neighborhood, and community institutions.

3 hours. *Professor Ross*

41a. HUMAN ECOLOGY. Fourth year (Half course). Rise of modern urbanism; theories of urban growth; distributions of population resulting from competitive and social factors; human ecology and community planning.

3 hours. *Professor Elkin*

Prerequisite: Sociology 30a.

42a. CULTURE AND PERSONALITY. Fourth year. (Half course.) Identical with, and described under, Anthropology 42a.

3 hours. *Professor Fried*

Prerequisite: Sociology 21 or permission of the instructor.

42b. SOCIAL PSYCHOLOGY. Fourth year. (Half course.) Personality development; the origin of the self; the emergence of patterns of social behaviour; the analysis of social action; the formation of attitudes.

3 hours. *Professor Westley*

Prerequisite: Sociology 42a or 38b.

43a. HISTORY OF SOCIOLOGY. Fourth year (Half course). Social thought and historical developments which led to the development of sociology as a separate discipline; early sociologists in Europe and America; trends in foci of interest and research methodology.

Open to Fourth year Honours students or by permission of the instructor.

3 hours. *Professor Elkin*

43b. METHODS IN SOCIOLOGY. Fourth year (Half course). Techniques for the investigation of sociological problems, including interview, personal document, participant observation, typology, content analysis, experiment, and questionnaire; problems of research design.

Open to Fourth year Honours students or by permission of the instructor.
3 hours. *Professor Elkin*

44. POPULATION AND MIGRATION. Fourth year. (Full course.) Analysis of the composition of selected populations; international migration, internal migration, and population transfers; immigration policies.
3 hours. *Professor Hall*

(*Not given in 1953-54.*)

45a. THE PROFESSIONS. Fourth year. (Half course.) Specialization and the rise of the professions; recruitment, training, and initiation; formal and informal organization in the professions; codes and social control; stages in a professional career.
3 hours. *Professor Hall*

Prerequisite: Sociology 31b or permission of the instructor.

46a. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS. Fourth year (Half course). Formal and informal organization in the work world; bureaucratic and related forms of organization; the role of cliques, conflict groups, and similar forms of association.
3 hours. *Professor Hall*

Prerequisite: Sociology 31 or permission of instructor.

46b. RACE RELATIONS IN INDUSTRY. Fourth year (Half course). Race relations and ethnic participation in industry; the adjustments of minority groups to the work world and the experiences of their members therein, with special emphasis on the Canadian scene.
3 hours. *Professor Hall*

Prerequisite: Sociology 46a or permission of instructor.

411b. SOCIAL STRATIFICATION AND SOCIAL MOBILITY. Fourth year. (Half course.) The study of social ranking, with special reference to the United States and Canada; the distribution of objective privileges among the members of a society; the subjective ranking of members by self and by others; the criteria of rank and the symbols associated with rank; solidarity within classes seen in terms of intermarriage, class-consciousness and "class warfare"; the ease or difficulty of social mobility, with special reference to occupational choice and educational achievement.
Professor Elkin

ANTHROPOLOGY

22. INTRODUCTION TO ANTHROPOLOGY. Second year. (Full course.) Historical relationship of race, language, and culture; culture history, analysis of cultural systems; culture and personality.

3 hours. *Professor Fried*

Anthropology 22 is a prerequisite for all students taking a continuation sequence in Anthropology.

23b. CULTURE HISTORY. Second year. (Half course.) The principles of historical research among preliterate peoples. This course will deal with the archaeology and ethnology of pre-European North America.

3 hours. *Professor Fried*

(*Not given in 1953-54.*)

24b. NORTH AMERICAN INDIANS. Second year. (Half course.) A study of the past and present Indian and Eskimo cultures of Canada and the United States with special emphasis upon the relationship of present adjustment to recent tribal history.

3 hours. *Professor Fried*

31a. PRIMITIVE SOCIETY. Third year. (Half course.) The comparative study of social organization among non-literate groups. The course will deal principally with the analysis of social systems as these appear in cultures at various levels of complexity.

3 hours. *Professor Fried*

Prerequisite: Sociology 21 or 22 or permission of the Instructor.

37b. PRIMITIVE RELIGION. Third year. (Half course.) The study of primitive religious systems with special reference to the function of symbolism and the relationship of religious practices and beliefs to other cultural activities.

3 hours. *Professor Fried*

Prerequisite: Sociology 21 or 22.

(*Not given in 1953-54.*)

39b. PRIMITIVE ECONOMICS. Third year. (Half course.) A comparative study of the production, distribution, and exchange of goods in "folk" societies; integration of the economy with the primary institutionalized culture pattern; types and functions of socioeconomic groups; property concepts; laws of disposal and inheritance.

Professor Fried

Prerequisite: Anthropology 22 or permission of the instructor.

(*Not given in 1953-54.*)

42a. CULTURE AND PERSONALITY. Fourth year. (Half course.) The study of culture and personality with emphasis upon the cultural background; the process of socialization as it is revealed in a comparative study of primitive societies.

3 hours. *Professor Fried*

Prerequisite: Sociology 21 or permission of the instructor.

48b. CULTURE CHANGE. Fourth year. (Half course.) An examination of the determinants and processes of culture change. The course will include detailed case studies of the influence of culture patterns and interests as selective factors in culture change.

3 hours. *Professor Fried*

49b. CULTURAL INTEGRATION. Fourth year. (Half course.) An examination of the logical and functional integregation of culture; determination of the primary institutionalized pattern and the basic values of the culture; structuring of patterns of socialization and social control, kinship extension and reciprocity, social and political dominance, and religion.

Professor Fried

(*Not given in 1953-54.*)

HONOURS COURSES IN SOCIOLOGY AND ANTHROPOLOGY

Admission to Honours will normally take place at the beginning of the Third year, and will be determined by the student's standing in Sociology and related subjects. Five and a half courses are required to fulfil Honours requirements. A student's Honours program must be approved by the Department. A liberal use is made of courses in the allied Departments of Economics, Geography, History, Philosophy, and Psychology. Honours students who wish to emphasize Anthropology will consult Professor Fried.

Students taking Honours in Sociology and one other subject are required to select four courses, in consultation with the Chairmen of the Departments, during the Third and Fourth years.

CONTINUATION SEQUENCES IN SOCIOLOGY

General Arts students who have chosen Sociology and Anthropology for continuation sequences are expected to register for courses designated for the same year as their university standing. The following sequences are suggested:

Community Organization: 21, 31, 41.
Industrial Relations: 21, 31, 46.
Pre-professional: 21, 31, 45a and 48b.
Social Psychology: 21, 33a or 34a, 38b, 42.

CONTINUATION SEQUENCES IN ANTHROPOLOGY

Before choosing any sequence, consultation with Professor Fried is required. Two sequences are suggested:

Historical Anthropology: Courses 22 (or Sociology 21), 23b or 24b, 31a, 39b, 48b.

Cultural Anthropology: Courses 22 (or Sociology 21), 31a, 37b, 42a and 49b.

ZOOLOGY

Professors	JOHN STANLEY, *Chairman* N. J. BERRILL
Professor of Parasitology	T. W. M. CAMERON
Associate Professor	M. J. DUNBAR
Assistant Professor	H. R. SCOTT
Lecturer	JOAN RATTENBURY
Carpenter Teaching Fellow	D. V. ELLIS

11a. THE ANIMAL KINGDOM. (Half course.) The nature and evolution of the animal world, with emphasis upon types, environments, adaptation, and evolutionary processes.

First term: 2 hours lectures and 2 hours laboratory. *Professor Berrill*

Text: Hegner, *College Zoology*, 6th ed. (Macmillan), or Buchsbaum, *Animals without backbones* (Chicago U.P.).

11b. MAN AND HIS EVOLUTION. (Half course.) The zoological history of man as a vertebrate animal; an elementary study of the structure and physiology of man, with a review of the evolutionary processes which have produced modern man.

Second term: 2 hours lectures and 2 hours laboratory. *Professor Stanley*

Text: Hegner, *College Zoology*, 6th ed. (Macmillan).

21. VERTEBRATE ZOOLOGY. (Full course.) The comparative anatomy of the vertebrates and the evolutionary history of the functional systems of the body. The origin, evolution, and classification of the eight classes of the vertebrate phylum; the organization of the vertebrate body in general and an introduction to mammalian anatomy.

2 hours lectures and 3 hours laboratory. *Dr. Rattenbury*

Prerequisite: Zoology 11b. (With permission, *Honours* students may substitute Zoology 11a.)

Text: Romer, *The Vertebrate Body.*

22a. VERTEBRATE HISTOLOGY. (Half course.) A comparative study of the microscopic structure of animal tissues and organs; an interpretation of this structure in terms of function and embryonic origin; an introduction to human histology.

First term: 2 hours lectures and 3 hours laboratory.

Professor Scott

Prerequisite: Zoology 21. (With permission, may be taken concurrently.)

Text: Nonidez and Windle, *Textbook of Histology* (McGraw-Hill).

22b. VERTEBRATE EMBRYOLOGY. (Half course.) A comparative study of embryonic development in the various classes of vertebrates, leading to an interpretation of human development.

Second term: 2 hours lectures and 3 hours laboratory. *Professor Berrill*

Prerequisite: Zoology 22a.

Laboratory Manual: Rugh, *The Frog* (Blakiston); Barth, *Embryology* (Dryden).

23a. TROPICAL BIOLOGY. (Half course.) General account of tropical environment, practical problems and hygiene, tropical seas, fauna and flora of rain and mist forests and savannahs, the great mammals, equatorial seasons and topography, marine and fresh-water fauna, zoogeography.

First term: 3 hours a week. *Professor Cameron*

Prerequisite: Zoology 11a. (With permission, *Honours* students may substitute Zoology 11b.)

Text: Hesse and Allee, *Animal Geography* (McGraw-Hill).

(*Offered in alternate years. Offered in 1953-54.*)

24. INVERTEBRATE ZOOLOGY (EXCEPT ARTHROPODA). (Full course.) A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of invertebrate animals other than the Phylum Arthropoda.

2 hours lectures and 3 hours laboratory. *Professor Stanley*

Prerequisites: Zoology 11a (second class standing), and, for *non-Honours* students, Zoology 21 or 22. (With permission, *Honours* students may substitute Zoology 11b.)

Texts: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan); Bullough, *Practical Invertebrate Anatomy* (Macmillan). A laboratory manual is issued by the Department.

(*Offered in alternate years. Offered in 1953-54.*)

25. THE ARTHROPODA. (Full course.) A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of animals of the Phylum Arthropoda.

3 hours lecture. *Professor Stanley*

Prerequisites: Zoology 11a (second class standing), and, for *non-Honours* students, Zoology 21 or 22. Zoology 25L, the Laboratory course *must* be taken with Zoology 25. (With permission, *Honours* students may substitute Zoology 11b for 11a.)

Texts: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan); Bullough, *Practical Invertebrate Anatomy* (Macmillan).

(*Offered in alternate years. Not offered in 1953-54.*)

25L. LABORATORY. The laboratory work of Zoology 25. Zoology 25 and 25L *must* be taken together in the same year.

2 laboratory periods of 2 hours each per week. A laboratory manual is issued by the Department. *Professor Stanley*

Prerequisites: As for Zoology 25.

(*Offered in alternate years. Not offered in 1953-54.*)

31. HISTOLOGICAL TECHNIQUE (PRACTICE AND THEORY). (Full course.) Training in the making of various types of histological preparations; discussion of the theories involved and interpretation of the results obtained.

1 hour lecture and 6 hours laboratory. *Professor Scott*

Prerequisite: Zoology 22a (Second class standing).

32. ANIMAL ECOLOGY. (Full course.) A study of the inter-relations between animals, groups of animals, and their environments. The zoogeography of terrestrial, marine, and fresh-water populations; the analysis of the physical environment in all three divisions of the biosphere; migrations, emigrations and other movements of animals, and the numerical behaviour of populations. Ecology and evolution.

3 hours. *Professor Dunbar*

Prerequisite: Zoology 11a, 11b, and any one of Zoology 21, 24, 25 plus 25L. (With permission, *Honours* students may enter with 11a *or* 11b, in place of 11a *and* 11b.)

Text: Hesse, Allee and Schmidt, *Ecological Animal Geography* (Wiley).

33. EXPERIMENTAL ZOOLOGY. (Full course.) General analysis of development, together with normal, regenerative, and malignant growth;

experimental and analytical methods; theory construction; guide to current zoological literature.

3 hours

Professor Berrill

Prerequisite: Zoology 21 or 22.

34. CULTURE METHODS (*Honours* Zoology only, by permission). (Half course.) Methods of culture and maintenance of invertebrates and lower vertebrate animals, and studies of their life cycles.

4 hours laboratory and conference period weekly throughout session.

Professor Berrill

Prerequisite: Zoology 33.

Text: Galtsoff, *Culture of Invertebrate Animals* (McGraw-Hill).

35. APPLIED BIOMATHEMATICS (Half course). An elementary study of mathematical theories of growth and form, mathematics as applied to growth of populations, host-parasite relations, radio-active tracers, the steady state.

2 lectures per week in the first term; one per week second term.

Professor Stanley

Prerequisite: Mathematics 224 (or a working knowledge of the calculus) and any biology course.

37. HISTORY OF BIOLOGY (Half course). The history of biology from Thales to the present day; including the development of scientific observation in anatomy, comparative morphology, ecology, embryology, and palaeontology. Theories of the relationships of animals, parts of animals, and of their evolution. Philosophical history of biology. Biological expeditions.

One lecture per week and one seminar period every alternate week, extending throughout the session. *Professor Dunbar*

Prerequisite: Zoology 11a. (With permission, Honours students may substitute Zoology 11b.)

41. ZOOLOGICAL RESEARCH (*Honours* Zoology only, Fourth year). Individual training in zoological research methods, fields of research, and introduction to field and laboratory projects. Thesis and seminar presentations.

The Staff

42b. ORNITHOLOGY (Half course). A general survey of ornithology to illustrate fundamental concepts of taxonomy, zoogeography, ecology, etc.

Laboratory periods will be used for a discussion of North American birds and methods of ornithology.

Second term: 2 hours lectures and 3 hours laboratory.

Prerequisites: Zoology 11a, 11b and either 21 or 32 (With permission, *Honours* students may enter with Zoology 11a *or* 11b, in place of both 11a *and* 11b.)

(*Not offered in 1953-54.*)

43b. LIMNOLOGY. (Half course.) A study of the fresh water environment and its organisms. The classification of inland waters, physical and chemical characteristics of lakes, the plankton and nekton, cyclomorphosis, the benthos, productivity and developmental sequence in lakes, running water systems, special environments.

Second term: 3 hours lectures. Field trips if possible. *Dr. Rattenbury*

Prerequisite: Zoology 11a, 11b, and any one of Zoology 21, 24 (25 plus 25L).

Text: Welch, *Limnology* (McGraw-Hill).

HONOURS COURSE IN ZOOLOGY

Students desiring to take Honours in Zoology should take both Zoology 11a and Zoology 11b in their First year, as this gives the best foundation for higher courses.

When this is not done, Zoology 11a and 11b may be interchanged as prerequisites with permission of the Department in the cases of approved Honours students. When both Zoology 11a and 11b are taken in the First year, a half-course in Botany *must* be taken in the Second year.

The succession of courses taken in Honours Zoology will normally be as follows, but this procedure may be varied in special cases by permission of the Department.

First year: The general B.Sc. curriculum, with if possible, Zoology 11a and 11b (see above). If these are taken, a half course in Botany *must* be taken in the Second year.

Second year: Zoology 21, 22a, 22b and either one of 24 or 25 plus 25L, plus a half course in Botany if not already taken, plus sufficient whole and half courses to make up a total of five full courses. Zoology 11a and 11b may be interchanged as prerequisites, but by permission only. The additional courses as above are to be selected with the advice of the Department from cognate fields or from courses in Zoology.

Third year: Zoology 32, 33 and either one of 24 or 25 plus 25L, plus sufficient whole and half courses to make up a total of five full courses. Zoology 31 and Genetics 44 *must* be taken in either the Third or Fourth years as part of the additional courses, which are to be selected as for the Second year.

Fourth year: Zoology 41 plus 31 and Genetics 44 if not already taken, plus sufficient whole and half courses to make up a total of five full courses, selected as in the case of the Second year.

With respect to the additional selected courses, such courses as Organic Chemistry, Physical Chemistry, Botany, Genetics, Physiology, and the like are emphasised.

CONTINUATION COURSES

Second year: Zoology 11, 21, 22, 24 (25 plus 25L).

Third year: Zoology 21, 22, 24 (25 plus 25L), 31, 32, 33 (23b plus 37).

Fourth year: Zoology 21, 22, 24 (25 plus 25L), 31, 32, 33, 35 (23a plus 37).

Attention is called to the "General Honours in Biological Sciences", page 1026.

A student who has not completed Zoology 11 *must* obtain permission of the Department of Zoology before proceeding to more advanced courses in Zoology.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

McGill University

MONTREAL, CANADA

FACULTY OF ARTS AND SCIENCE

INCLUDING THE SCHOOL OF COMMERCE

REGULATIONS GOVERNING ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

SESSION 1953-1954

LENGTH OF REGULAR SESSION

The regular session of the Faculty consists of two terms, as follows:

First term: First year: From Wednesday, September 23rd to Tuesday, December 22nd, 1953. Upper years: From Wednesday, September 30th to Tuesday, December 22nd, 1953. Mid-session examinations in completed courses begin on Monday, January 4th, 1954.

Second term: From Monday, January 11th to Thursday, April 15th, 1954. Final examinations in all courses will begin on Tuesday, April 20th.

ATTENDANCE

1. Students of the First and Second years, all partial students, and students with conditional standing or repeating their year are required to attend at least seven eighths of the total number of lectures or laboratory periods in each course. Those whose unexcused absences exceed one eighth of the total number of lectures in a course are not permitted to come up for the regular examination in that course, and those whose unexcused absences have exceeded one fourth must repeat the work in that course.

No student, in any year, will be permitted to sit for the examinations unless he has fulfilled the requirements of the course to the satisfaction of the Instructor and the Dean.

Excuses for absences in excess of one eighth are dealt with only by the Dean, and are not entertained except in cases of serious illness (which must be vouched for by a proper medical certificate), domestic affliction, and such other cases as are provided for by special regulations of Faculty. Medical certificates covering absences must be presented at the Dean's Office by the student immediately after his return to University work. Such certificates

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are filed, and, if they are accepted, the Dean gives the student a statement excusing the absences covered; this must be shown to all the professors concerned as promptly as possible.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture, students are not allowed to enter, except with the permission of the Instructor. If permitted to enter, they report themselves at the close of the lecture and are marked "late." Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of the lecture are marked absent.

EXAMINATIONS

INTERIM TESTS

There will be at least one class test given before Christmas in each course taken by First year students. The test is usually the equivalent of a standard examination of one hour.

Students who fail in more than one third of these tests are not allowed to be members of a College athletic team, to hold office in any College society, or to take part in any major student activity.

MID-SESSIONAL EXAMINATIONS

There are no regular mid-sessional examinations in January except in courses which are given only in the first term, and, in these courses, the examination may be held in May with the other final examinations, if the Department so desires. Members of the teaching staff may, however, from time to time give such interim examinations as they think necessary.

FINAL EXAMINATIONS

The final examinations are held in April and May.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 percent. Students who pass in an examination are grouped into three classes: First, Second, and Third. The lowest mark for First Class standing is 80 percent, the lowest for Second Class standing is 65 percent, and the remainder of students who pass obtain Third Class standing.

RE-READING OF EXAMINATION PAPERS

Upon payment of a fee of $10, a student may apply in writing to the Dean to have an examination paper re-read. This must be done not more than thirty days after the examination results are published.

FAILURES — SUPPLEMENTAL EXAMINATIONS

The examinations held at the end of full courses or of second-term half courses, in April or May, or at the end of first-term half courses, in January, are known as *sessional examinations.*

A student who has failed in a sessional examination and has been given permission by the Dean to write a supplemental examination must write such supplemental examination during the following September. Written application to write a supplemental examination must be received at the Dean's Office before August 15th. A fee of $10 for each supplemental paper is payable to the Cashier as soon as the application has been approved.

A student in the First year who has not passed, in the sessional examinations, at least three of his courses will not be given permission to write supplemental examinations: he must withdraw from the Faculty or, if granted permission by the Dean, repeat his year.

A student in the Second, Third, or Fourth year who has failed in more than one full or two half courses at the sessional examinations will not be given permission to write supplemental examinations: he must withdraw from the Faculty or, if granted permission by the Dean, repeat his year.

Under these circumstances, in either the First or later years, the Dean may grant permission to repeat a year only if the student (1) has passed in at least half of his courses, (2) has achieved, in those courses which he passed, at least a good third class average (i.e. about 60%).

A student who for reasons such as illness or family affliction, verified and accepted by the Dean's Office, has been unable to write one or more sessional examinations, may receive permission to write September supplemental examinations in their stead. Application must be made as above, before August 15th, but no fee will be charged.

A student who, in the First year, has failed in any First year French course and who would normally be permitted to write a supplemental examination, may be permitted to correct this failure by taking the prescribed courses in the French Summer School; this, without prejudice to his being allowed to attempt the regular supplemental examination in September.

A student who, in the Second year, has failed in French 21, in the May examinations, may be permitted to correct this failure by taking the prescribed Second year course at the French Summer School immediately following the completion of his Second year; this, without prejudice to his being allowed to attempt the regular supplemental examination in September.

ADVANCEMENT

REGULAR STANDING

A student who has completed all the courses of the preceding years by passing the sessional or supplemental examinations is in regular standing, and advances into the next year.

CONDITIONED STANDING

A student who, after attempting the supplemental examinations, is found to have completed all but one full course, or one or two half courses, of the preceding year, may advance into the next year with *conditioned standing*, but may not register for any course to which the uncompleted course is prerequisite. Such a student must either repeat the course in which he failed, or substitute another course for it.

If the course in which he failed is not compulsory, the student is strongly advised to substitute another appropriate course for the one in which the condition is carried. The consent of the Dean and of the departments concerned must be obtained for such a substitution. Any such substituted course is additional to the normal year's work and must be passed in the regular sessional examination, no supplemental being permitted. A fee of $10 will be charged, which, however, exempts the student from paying the fee for the ensuing examination.

Alternatively, a conditioned student may, with the Dean's consent, register as repeating the course in which the condition is carried. Any such repeated course will be additional to the normal work of the year which the student enters with conditioned standing, and an additional fee of $10 will be charged as above.

If, after the May examinations in a session in which a student has conditioned status, the condition has not been removed, the student must either withdraw from the Faculty or repeat his year, if the Dean grants him permission to do so. Such permission will be granted only if the student has at least a good third class average (i.e. about 60%) in his other courses.

FAILURE TO ADVANCE

REPETITION

A student who is not eligible to advance with either regular or conditioned standing will be required either to withdraw from the Faculty or to repeat the year. Permission to repeat the year may be granted by the Dean on the conditions stated above.

A student repeating a year repeats all courses which have not already been passed, unless substitution has been permitted by the Dean and the departments concerned. Additional courses must be taken to bring the total year's work up to the normal number of courses required for the year, and must be selected with the approval of the Dean. Such additional courses cannot later be credited to a subsequent year of regular standing.

A student repeating a year must pass all the courses for which he is registered without the privilege of a supplemental examination; advancement into the following year with conditioned standing is not permitted.

The privilege of repeating a year will not be granted to a student more than once in the whole course of his candidacy for a degree in this Faculty.

A student repeating a year pays the regular sessional fee.

TRANSFER

Any student who has failed in any year of one of the degree courses of the Faculty may not be admitted to the same year in courses for another degree in the Faculty except under extraordinary circumstances and by sanction of the Dean.

CHANGING COURSES

Students who wish to change the courses for which they have registered must apply to the Assistant Dean for permission to do so. This permission may be granted provided that such changes do not involve conflicts in time-table nor destroy the required sequence of courses.

A student in Commerce must first obtain the approval of the Director of the School of Commerce. A student taking an Honours course must first obtain the approval of the Chairman of the department in which he registered for Honours.

For full courses and for first term half courses no change will be permitted after October 15th. For second term half courses, no change will be permitted after January 23rd.

EXEMPTIONS

A student who desires exemption from a course must provide evidence that he has completed its equivalent and must obtain the approval, first, of the Dean and, then, of the department concerned. If so exempted from a course, he must take another one to replace it on his list of requirements for that year. The replacing course will be regarded as an additional course, as defined below.

EXTRA AND ADDITIONAL COURSES

An *extra course* is one taken by a student to serve a cultural or intellectual interest and not to obtain credit towards a degree. No student can take an extra course unless he has obtained an average of 65% in his previous year and has had no failures in that year.

A student must obtain the permission of the Dean before taking an extra course and he can take only one extra course in each year; this course must be registered as an extra course on his registration card at the beginning of the year. No academic credit can be granted, at any time, for an extra course but, if all its requirements have been properly fulfilled, it may be used as a prerequisite for courses in later years.

An *additional course* is one taken in addition to the normal number of courses for that year, either to meet the requirements of a department or to remove a deficiency from a previous year.

A student can take only one full additional course in any session and, before registering for such a course, must obtain the Dean's permission. He can receive academic credit for an additional course provided that he has fulfilled all its requirements. If he fails in it, the failure is entered on his record and the normal regulations concerning supplemental examinations apply.

SCHOLARSHIPS, PRIZES, MEDALS, AND LOAN FUNDS

Details of Scholarships, Bursaries, Prizes, Medals, and Loan Funds are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

McGill University

Montreal

School of Commerce

Arthur Purvis Memorial Hall

1953-1954

McGill University

Montreal

School of Commerce

Arthur Purvis Memorial Hall

1953-1954

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

School of Commerce

The School of Commerce is under the administrative jurisdiction of the Faculty of Arts and Science.

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean of McGill College*

H. D. Woods, M.A. — *Director of the School of Commerce*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. — *Bursar*

T. H. Matthews, M.A., LL.D. — *Registrar*

G. A. Grimson, B.Com. — *Chief Accountant*

B. COM. ADVISORY COMMITTEE

Professor H. D. Woods, *Chairman*

The Dean
Professor K. F. Byrd
Professor E. F. Beach
Professor Herbert Tate
Professor B. S. Keirstead
The Assistant Dean

A complete list of the teaching staff of the University, including the School of Commerce, is printed as a separate announcement, which may be obtained from the Registrar's Office.

SCHOOL OF COMMERCE OFFICE

ARTHUR PURVIS MEMORIAL HALL
1020 Pine Avenue West
Montreal 2

Telephones — MA 9181

Office	— Local	450
Staff	— "	458
Commerce Library	— "	452
Industrial Relations Centre	— "	294
Industrial Relations Library	— "	294

ADVISORY COUNCIL
FOR THE
SCHOOL OF COMMERCE

THE PRINCIPAL, *Chairman*
L. J. BELNAP
SAMUEL BRONFMAN
NORMAN DAWES
FREDERICK JOHNSON
JAMES MUIR
F. B. WALLS
H. D. WOODS, *Secretary*

School of Commerce

PRELIMINARY STATEMENT

The programme of the School of Commerce is designed to provide training for business and administrative careers in industry and the public service, and includes undergraduate training, graduate training, and extension activities for graduates and non-graduates. The programme is organized in several divisions, as follows:—

Bachelor of Commerce Degree—A four-year course of study designed to prepare the student for the B.Com. degree.

Master of Commerce Degree—Advanced training and research designed to prepare the student for the M.Com. degree.

Evening Certificate and Diploma Courses—Training courses in Accounting, Mathematics, Commercial Law, and allied subjects to assist evening students to prepare for certificate and diploma examinations conducted by the School, and to meet the requirements of certain professional societies.

Industrial Relations Centre—A centre established for the purpose of bringing members of the university staff and of the industrial community together with a view to promoting study and research in fields associated with industrial relations.

COMMERCE LIBRARY

The Commerce Library is located in Purvis Hall and consists of over 16,000 books and periodicals and 8,000 pamphlets in the field of economics, business, industrial relations, and management. These materials are readily available on the shelves and in files in the library reading room. The facilities of the Redpath Library are also available to students.

UNDERGRADUATE PROGRAMME

The Bachelor of Commerce Degree

GENERAL INFORMATION

The School offers four years of undergraduate work leading to a degree of Bachelor of Commerce (B. Com.). The work of each year will normally consist of five courses each of three class sessions per week, which sessions may be in the form of lectures, demonstrations, laboratory, or discussion periods, depending on the course. A student will therefore have about fifteen hours of class meetings a week. The balance of his time will be devoted to readings, problems, the preparation of reports, essays, and theses, and extra-curricular activities.

Certain of the five courses taken each year are obligatory; the remainder are selected by the student. Some of the courses are primarily Commerce subjects; others are regular Arts subjects taken with students who are proceeding towards the B.A. or the B.Sc. degree.

The Commerce curriculum is designed to be a semi-professional educational program. Basic studies in Accounting, Statistics, Commercial Law, and Economics, and a minimum of general Arts work in Mathematics, Languages, and Science, are required. From this foundation the student may continue with further Commerce work in Accounting, Finance, Industrial Relations, Marketing, and Business Organization and Management, or concentrate further upon courses in Economics, Political Science, Psychology, Sociology, Languages, or other approved studies. Students are assisted in their selection of these courses. Optional sequences must be approved by the Director.

The School of Commerce Administrative offices are in the Arthur Purvis Memorial Hall at the corner of Pine Avenue and Peel Street. The facilities of the Redpath Library are available to all students, and a special Commerce Library is provided in Purvis Hall.

ADMISSION TO THE SCHOOL OF COMMERCE

All applications to enter the School of Commerce must be made on forms which may be obtained from the Registrar's Office. Each applicant from a High School should see that a confidential report is sent from his school Principal to the Registrar, as such a report is necessary for the consideration of the application. Completed applications should reach the Registrar not later than August 31st, and if possible much earlier.

Each accepted candidate will receive a formal acceptance to a definite course and year and this must be kept for presentation at registration.

The number of admissions is limited and the School is not bound to accept applicants who have passed the required examinations.

ADMISSION TO THE FIRST YEAR

A student may apply for admission to the First year of the B.Com. course after passing in specified subjects of the McGill School Certificate Examination or one of the examinations recognized by the University. For details, see the School Certificate Examinations Announcement.

ADMISSION TO THE SECOND YEAR WITH SENIOR MATRICULATION

A student may apply for admission to the Second year if he has passed in specified subjects of the Senior School Certificate Examinations, or recognized equivalent, and if he has achieved an average of at least 70% on the examination as a whole. Special consideration may, however, be given to candidates who have received an average of 65% to 70% if they have obtained high standing in each of the English, History, and Mathematics examinations. For further particulars, see the School Certificate Examinations Announcement.

ADMISSION BY TRANSFER

Application for transfer into an upper year of the School should be made to the Registrar's Office. It must be made on the regular form and be supported by certified copies of the applicant's previous academic record including the matriculation record. Such an application will be considered only if the student is in good standing and has a record which justifies the transfer.

Students admitted into the Second or the Third year will be required to take certain courses compulsory in a lower year, unless exempted.

Two years of residence are required as minimum for the degree, hence students cannot be allowed to transfer into the Fourth year.

REGISTRATION

All First year students in the School of Commerce will register on Monday, September 21st, between 9 a.m. and 4 p.m., in the Sir Arthur Currie Memorial Gymnasium. Students in the Second, Third, and Fourth years will register in the Gymnasium on Monday and Tuesday, September 28th and 29th between 9 a.m. and 4 p.m.

The Freshman Welcome meeting will take place on Tuesday, September 22nd in the Gymnasium at 9 a.m.

After September 29th a special late registration fee must be paid (see the General Information Pamphlet included in this Announcement).

No student will be admitted after October 15th except by special permission of the Dean.

All women undergraduates registered at McGill University are automatically members of the Royal Victoria College, whether in residence or not, and at the time of registration will be required to fill out special forms for the Royal Victoria College. Women undergraduates not residing with their parents or guardians in Montreal must apply for residence in the College, attaching, if desired, a note describing in full their plans for residence elsewhere, and obtain the Warden's written approval. (*See the General Information pamphlet.*)

REGISTRATION PROCEDURE

Each regular undergraduate must be registered for the courses and year to which he has been accepted. Limited undergraduates and Partials must obtain approval of their courses from the Director of the School and the Dean's office before proceeding to register.

All students intending to take an Honours Course (Economics, Political Science, or Accounting) must obtain the approval of the Chairman of the appropriate department and of the Director of the School before registration.

Courses of study for the B.Com. degree are laid down on pages 1211-1212 and details of these courses are found in pages 1213 to 1234. Information regarding registration for Honours, or Distinction and Great Distinction is found on pages 1209-1210.

ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

The attention of students in Commerce is called to a separate pamphlet entitled *Regulations Governing Attendance, Examinations, and Advancement*, issued by the Faculty of Arts and Science. This booklet is distributed at the time of registration. Extra copies may be obtained through the Dean's Office.

FEES

Regular University fees and special fees are explained in the General Information Pamphlet enclosed with this Announcement.

Fees for the Evening Courses are shown on page 1247.

The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require. Fees are not refundable, except under special conditions as described in the regulations concerning remission of fees in the General Information Pamphlet.

DATES OF PAYMENT

Fees are due and payable at the Accounting Office between the hours of 9 a.m. and 4 p.m. (Saturday 9-12), on the following dates:—

Monday, September 21st
to
Monday, October 5th

If desired, fees may be remitted by mail before the above dates.

The second instalment of tuition fees is due and payable on January 15th. An additional $2.00 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Failure to pay fees by the prescribed dates will result in suspension from attendance at classes by the Dean of the Faculty until fees are paid, or a satisfactory arrangement is made with the Chief Accountant.

EXPENSES

An estimate of expenses will be found in the General Information Pamphlet included in this Announcement.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 per cent, and the marks for first and second class standing are 80 per cent and 65 per cent respectively.

DISTINCTION AND HONOURS

Distinction in the General Course will be awarded to students, other than those registered in the Honours course in Economics, who achieve a 75 per cent average in the Second, Third, and Fourth years.

Great Distinction will be awarded to students who achieve an 80 per cent average in the Second, Third, and Fourth years.

Honours in Accounting—A student may take a degree of Bachelor of Commerce with Honours in Accounting, if he elects to do so at the beginning of his Second year, obtains the permission of the Professor of Accounting, and during the four years completes with appropriate standing the courses chosen by the Department.

Honours in Economics—A student may take a degree of Bachelor of Commerce with Honours in Economics, if he elects to do so at the beginning of his Second year, obtains the permission of the Chairman of the Department of Economics and Political Science, and during the four years takes a minimum of seven courses in Economics with at least a second class average. Certain specified honours courses will be required.

Honours in Political Science—A student may elect Honours in Political Science (Public Administration) at the beginning of the Second year provided he obtains permission of the Chairman of the Department of Economics and Political Science, and during the four years completes with appropriate standing the courses chosen by the Department.

Examinations for Honours in Economics or in Political Science—At the end of the Fourth year, Honours candidates will write comprehensive examinations on the total work done in Economics or Political Science, such examinations taking the place of the regular course examinations in those subjects for that year. In preparation for these papers, course work will be supplemented during the Third and Fourth years by tutorial instruction.

The intention of the examinations is to discover if the candidates for the Honours degree have both technical competence in some chosen field and a sound general knowledge and understanding of economic and political theory and if they have related their separate studies to one another.

The examinations will cover (a) a major field which will be either Economics or Political Science, and (b) a special subject which, for students whose major field is Economics, may be chosen from: Economic Theory, Economic Policy, Labour Economics, Economic History, International Trade, Economic Organization of Canada, Monetary Theory, Banking and Corporation Finance, Statistics, and Econometrics; and for students whose major field is Political Science, may be chosen from: Political Theory, Comparative Government, Canadian Government, the Government of Britain and the Commonwealth, Public Administration, International Relations.

The examination in the major field will contain questions in:

(a) Economics—the subject matter of Economics 211H, 311, and further questions on other branches of Economics.

(b) Political Science—the subject matter of Political Science 211H, 311, and further questions on other branches of Political Science.

The examination in the special subject will cover the material presented in courses in this subject and such other material as is suggested by the reading lists issued by the Department.

CURRICULUM

The curriculum leading to a B.Com. degree consists in part of compulsory courses and in part of optional courses chosen in accordance with the student's individual interests. As optional courses a student may take any courses offered in the Faculty of Arts and Science which are approved

by the Director. A student in any year is expected to satisfy himself, before he selects any optional course:

(1) That he has completed any pre-requisite work for the course,

(2) That there is no conflict in his time-table,

(3) That his selection is approved by the Director.

The choice of optional courses is very important. Only one limited option is permitted in the First year. During that year the student should seek guidance from faculty members to assist him in working out for later years an integrated group of courses most suited to his interests and needs. For example, the student planning to become a Chartered Accountant should be sure that he elects the appropriate options required for this professional training. Similarly, a student interested in specialization in Industrial Relations should obtain advice on the most appropriate grouping of optional courses in Economics, Psychology, and Sociology. The high degree of flexibility provided by the optional system makes careful selection imperative.

English Composition Requirement. Every candidate for a degree in the Faculty of Arts and Science must satisfy the Department of English (which, in this matter, acts as the agent of Faculty) that he is competent in English composition. In addition to the other requirements for the degree, therefore, all students, in their first year in the Faculty, must register in English 100C. When a student has succeeded in demonstrating his competence in this course, he will be dispensed from further attendance at it.

Students whose native language is not English are also required to write a language test on the basis of which they will be assigned to English 100C or English 150 or both.

Compulsory Courses	Optional Courses
FIRST YEAR	
English 100	One of French 11*
English 100C	Spanish 11
Mathematics 111	German 1
Economic History (Economics 100)	Geography 21
Accounting 101	

*See page 1230.

SECOND YEAR

Elements of Economics (Economics 211C) Accounting 201 or 201H Commercial Law 1	Two full courses or the equivalent in half courses chosen from the following and approved by the Director: Mathematics** English French 21 German 2 Spanish 21 Psychology 21 Philosophy 1 Sociology 21 History, 1, 2, 3 Science in Economic Life 1 (Geography 21) Political Science 211

THIRD YEAR

Economic Statistics (Economics 361a) Money and Banking (Economics 321)	The equivalent of three and one-half courses chosen from: Science in Economic Life 3 (Chemistry 70) Accounting 301, 301H, 302H Economics Political Science Marketing Mathematics Languages Geography, etc.

FOURTH YEAR

Economic Analysis (Economics 412)	The equivalent of four full courses chosen from: Accounting 401 and 402 Business Organization Marketing Thesis Economics Political Science, etc.

Fourth year students who have had a second class average are recommended to take the Thesis course.

**Mathematics 223a and 223b are compulsory for students who intend to specialize in Accounting.

STUDENTS WORKING TOWARDS A PROFESSION

Students who intend after graduation to enter a profession should acquaint themselves with the requirements for admission to that profession, and should take these requirements into consideration when choosing their optional courses.

Candidates for the Licentiate in Accountancy of McGill University, conferring on its holders the right to become members of the Institute of Chartered Accountants of Quebec, must have taken the following courses in proceeding to their degree of Bachelor of Commerce—

Five courses in Theory and Practice of Accounts

Business and Industrial Organization and Management (or approved alternative)

Commercial Law

Economics 211C

Mathematics 111, 223a, and 223b

For further particulars see page 1237.

THE MASTER OF COMMERCE DEGREE

Bachelors of Commerce who have obtained at least second class standing and who have the permission of the Director of the School of Commerce and of the Department of Economics and Political Science may apply to proceed to the Master of Commerce degree. For particulars see the Announcement of the Faculty of Graduate Studies and Research.

DESCRIPTION OF COURSES

The following list includes all required courses for the B.Com. degree, as well as the principal courses available as options from which the student may choose to complete his programme. Unlisted courses offered by the Faculty of Arts and Science may also be chosen. The complete programme of any student must be approved by the Director.

Courses required for the Bachelor of Commerce degree are designated (*Req. B.Com.*).

Courses required for the Licentiate in Accountancy are designated (*Req. L.A.*).

ECONOMICS

100. ECONOMIC HISTORY. First year (Full course). A survey of the evolution of economic institutions from the ancient empires in Sumaria and Egypt to the outbreak of war in 1939. The course reviews the continuity of

economic activities from the early empires through Greece and Rome; the manorial organisation of the early Middle Ages; the revival of towns, commerce and financial institutions; the widening of geographical and intellectual horizons; the industrial revolution and colonisation; the economy of the 19th century; the first world war and the breakdown of the world economy after 1931. (*Req. B.Com.*)

3 hours *Professor James*

211C. PRINCIPLES OF ECONOMICS. Second year (Full course). An introduction to the general principles of economics, covering monetary systems, price levels, national income, production, competition, allocation of resources, and international trade (*Required B.Com. except for Honours Students*).

3 hours *Professor Beach*

This course is prerequisite to all courses in Economics except Economics 100, Economics 261a, and Economics 361b.

211H. INTRODUCTION TO ECONOMIC THEORY. Second year (Full course). An introduction to economic analysis covering general price theory, the theory of the firm, theory of production and distribution and general equilibrium theory (*Required for Honours Students*).

3 hours *Professor Weldon*

This course is prerequisite to all honours courses in Economics.

261a. ECONOMIC STATISTICS I. Third year (Half course). Descriptions of frequency distributions including averages, dispersion, and skewness. Charting and analysis of time series: trend lines, seasonal indexes, and measurement of cyclical fluctuations. Index numbers. Simple linear correlation.

3 hours *Professor Beach*

Prerequisite: Mathematics 111a, 12b. Economics 211 is not a prerequisite.

300. ECONOMIC HISTORY OF MODERN BRITAIN. Third year (Full course). Traces the course of British economic development from the breakdown of the medieval system to the present day. Particular attention is paid to the influence on British history of population movements; the introduction of new techniques in agriculture, transportation, industry, and finance; and the economic development of overseas areas.

3 hours *Professor Dales*

Prerequisite: Either Economics 100 or History 1.

311. HISTORY OF ECONOMIC THOUGHT. Third or Fourth year. *Honours students only* (Full course). A critical study of the writings of the great economists, with particular reference to the period from Adam Smith to the present day.

3 hours *Professor Altschul*

321. MONEY AND BANKING. Third year (Full course). Theory and practice of money and credit; organization and operations of financial institutions; monetary policy; concept and function of money; early history of credit institutions; the crisis of 1825, the Peel Bank Act, and the development of the British financial system; the National Banking System in U.S. and the evolution of the Federal Reserve System; early development of Canadian banking; effects of World Wars I and II and of the Great Depression on U.S., U.K., and Canadian banking; monetary policy and economic fluctuations. (*Req. B.Com.*)

3 hours *Professor Weldon*

322b. ECONOMIC DYNAMICS. Third and Fourth year (Half Course). An examination of the methodological problems of model building. Course covers formation of expectations, planning under uncertainty, aggregation problem, period analysis, solution of simple difference and differential equations. Special consideration is given to the monetary aspects of macro-models.

Second term: 3 hours *Professor Kemp*

Prerequisite: First term of Economics 321.

331. ECONOMIC POLICY. Third or Fourth year (Full course). A study of the economic policy of governments, with particular regard to corporations and forms of business enterprise, regulation of markets and competition, monopoly problems, public utilities, and governmental enterprises, fiscal policy, the maintenance of full employment, and the prevention of inflation.

3 hours *Professor Kemp*

341a. LABOUR ECONOMICS. Third and Fourth years (Half course). The origin of labour problems in modern industrial organization; their interpretation in the light of economic theory; the theory of wages and employment.

First term: 3 hours *Mrs. Wiseman*

341b. LABOUR INSTITUTIONS. Third and Fourth years (Half course). The course is designed to supplement the course in labour economics but may be taken separately. It deals with trade unions, co-operative societies, credit unions, labour political movements, labour legislation, and governmental organization in the labour field. Students are advised to take Economics 341a.

Second term: 3 hours *Mrs. Wiseman*

351. CANADA: GEOGRAPHIC, INDUSTRIAL, AND ECONOMIC PROBLEMS. Third year (Full course). This course consists of discussions on current economic and political problems in Canada with special emphasis on their origins, causes, and possible solutions; e.g., the wheat problem, the coal problem, etc.

3 hours *Professor Culliton*

361b. ECONOMIC STATISTICS II. Third year (Half course). An introduction to Statistical Inference covering the following topics: elementary distributions, sampling, tests of statistical hypotheses, and estimation of population parameters.

3 hours *Professor Weldon*

Economics 211 is not a prerequisite.

363a. ECONOMETRICS I. Fourth year (Half course). An elementary mathematical treatment of basic economic theory. Attention is chiefly given to technique.

First term: 3 hours *Professor Weldon*

400. THE ECONOMIC HISTORY OF NORTH AMERICA. Third or Fourth year (Full course). Deals primarily with Canada and the influence of the United States on Canadian economic development. The fur trade, settlement, and the struggle for the continent; breakup of the first British Empire; Confederation; commercial policy; railways; twentieth century industries.

3 hours *Professor Dales*

411. ADVANCED ECONOMIC THEORY. Fourth year (Full course). An attempt to formulate the theoretic problems on the frontires of the science and to study attacks on these problems in the recent literature. (*Honours students only.*)

3 hours *Professor Keirstead*

Prerequisite: Economics 311.

412. ECONOMIC ANALYSIS. Third or Fourth year (Full course). A systematic study of the techniques and principal results of theoretical analysis, including the theory of prices, wages, interest rates; the theory of accounts; the marginal analysis of individual firm, industry, and household; the theory of capital. (*Req. B.Com. except for Honours students in Economics.*)

3 hours *Professor Keirstead*

421. PUBLIC FINANCE. Fourth year (Full course). Historical introduction. Outline of the history of the science. The subject of public finance. Economic function of the state. Material and formal order in public finance. State expenditures: definition, evolution, principles, effects, system and classification, the several kinds of expenditures considered. State revenues: definition, evolution, principles, effects, system and classification, the several kinds of revenues considered. Extraordinary expenditures and revenues (War finance). State property and State debts.

3 hours

Prerequisite: Economics 321.

(*Not given in 1953-54.*)

422a. ECONOMIC FLUCTUATIONS. Fourth year (Half course). Analysis of the nature and causes of fluctuations in income, employment, prices, production, etc. The 3 types of cycle: Kitchin, Jugler, and Kondratieff; secular stagnation, the concept of national income; major components; fundamental savings-investment and monetary flow equations; the multiplier; the relation; interactions of multiplier and relation; the Schumpeter model; the Kalecki-Kaldor model; the Hayek model; the Keynesian system; Hansen and the doctrine of economic maturity (*Honours students only*).

First term: 3 hours *Professor Alstchul*

Prerequisite: Economics 321.

This course is prerequisite to Fiscal Policy (422b).

422b. FISCAL POLICY. Fourth year (Half course). This course is concerned with actual and proposed economic policies for the maintenance of full employment without inflation. Nature of the employment problem; policy implications of "long wave" and "stagnation" theories; policies to stimulate private investment; policies to increase consumer spending; public investment policy; monetary vs. fiscal policy; tax reduction vs. increased expenditures; foreign trade policy and employment; debt management (*Honours students only*).

Second term: 3 hours *Professor Altschul*

Prerequisite: Economics 422a.

424a. INTERNATIONAL TRADE AND TRADE POLICY. Fourth year (Half course). A study of the economic problems which result from the existence of sovereign states: foreign exchanges, tariffs, commercial policy, state trading, international economic agreements.

First term: 3 hours *Professor Kemp*

Prerequisite: Economics 321.

425a. CORPORATION FINANCE. Fourth year (Half Course). The capital supply of corporations; money and capital markets; concept and short history of business corporations; their changed structure and increased importance; the instrumentalities of Corporation Finance. (bonds, stocks, hybrid forms and trust certificates); holding and investment companies; Corporation Finance in action (promotion, management, expansion, decline, and failure); security markets and their function, organization, operation, and control.

First term: 3 hours *Mr. Dessauer*

425b. INVESTMENT ANALYSIS. Fourth year (Half Course). Role of investment; the investment outlets (Government bonds, corporate securities, mortgages, real estate) as seen by the buyer; the concepts of income, risk, value, and appreciation; analysis of specific investment outlets; market behaviour and its analysis; investment methods.

Second term: 3 hours *Mr. Dessauer*

431. INTERNATIONAL COMMODITY CONTROLS. Fourth year (Full course). This course includes, as well as international commodity controls, the wider question of monopolies, cartels, patents, and monopoly legislation. It is conducted along seminar lines.

3 hours *Professor Culliton*

432. TRANSPORTATION. Fourth year (Full course). History and development of the Canadian transportation system; economic characteristics of the various transportation media; comparative analysis of cost and rate structures; problems of regulation and control.

3 hours *Professor Culliton*

441. INDUSTRIAL RELATIONS. Third and Fourth year (Full course). An introduction to the problems of employer-employee relations including the management of personnel, legislation, employee organization, and the state function and public interest in industrial relations.

3 hours *Professor Woods*

442. COLLECTIVE BARGAINING. Fourth year (Full course). A seminar course involving an intensive study of collective bargaining institutions and techniques, grievance procedures, law and the state machinery for industrial relations. The course covers trade unionism, employers' associations, collective agreements, negotiations, the content of such agreements, conciliation, and arbitration. Experience in other industrial countries is also examined. (*Entrance by permission of Instructor.*)

3 hours *Professor Woods*

461b. ECONOMETRICS II. Fourth year (Half course). A development of the mathematical aspects of econometrics. Attention is chiefly given to selections from the recent literature.

Second term: 3 hours *Professor Beach*

Prerequisite: Economics 363a or equivalent.

462a. STATISTICAL INFERENCE. Fourth year (Half course). A continuation of the statistical theory of sampling, reliability, estimation, and testing of hypotheses developed in Economics 362b. (*Entrance by permission of the Instructor.*)

First term: 3 hours *Professor Beach*

Prerequisite: Economics 361b.

POLITICAL SCIENCE

NOTE:—Political Science 211G or 211H and either History 1 or Economics 100 are prerequisite to all Third and Fourth year courses in Political Science.

211G. COMPARATIVE GOVERNMENT. Second year (Full course). An analysis of the basic concepts of Political Science, with illustrations drawn mainly from the experience of constitutional and dictatorial government as practiced in certain modern states.

3 hours *Mr. Pratt*

211H. COMPARATIVE GOVERNMENT. Second year (Full course). *For Honours students.*

3 hours *Mr. Frankel*

311. HISTORY OF POLITICAL THEORY. Third year (Full course). A survey of the development of Western political thought from ancient Greece down to the present.

3 hours *Mr. Pratt*

321b. POLITICAL THOUGHT AND INSTITUTIONS OF CHINA AND JAPAN. Third or Fourth year (Half course). A study of the traditional political systems of China and Japan, and of the problems resulting from various attempts to adapt those systems to the requirements of Western civilization.

Second term: 3 hours *Mr. Brecher*

Restricted to Third and Fourth year students.

(*Not given in 1953-54.*)

322a. GOVERNMENT OF GREAT BRITAIN. Third or Fourth year (Half course). A study of the institutions and working of parliamentary government in Great Britain.

First term: 3 hours *Professor Mallory*

323a. GOVERNMENT OF THE BRITISH DOMINIONS. Third or Fourth year (Half course). Institutions and working of parliamentary governments in the British Dominions.

First term: 3 hours *Mr. Brecher*

324b. GOVERNMENT OF THE BRITISH COLONIAL EMPIRE. Third or Fourth year (Half course). A study of the nature of imperial control, degrees of local self-government, Colonial economic development, and development of political institutions.

Second term: 3 hours *Professor Mallory*

(*Not given in 1953-54.*)

325b. THE GOVERNMENT OF THE UNITED STATES. Third or Fourth year (Half course). A study of the Constitution, the political institutions, and the working of Congressional Government in the United States.

Second term: 3 hours *Professor Callard*

331b. THEORY AND PRACTICE OF NATIONALISM. Third or Fourth year (Half course). A study of the conditions which led to the development of modern nationalism, and of the political techniques most commonly employed for the creation and maintenance of national sentiments.

Second term: 3 hours *Mr. Brecher*

Prerequisite: History 1 or Political Science 311, preferably both.

341a. THE ADMINISTRATIVE PROCESS. Third or Fourth year (Half Course). Problems of Organization and Control. A discussion of the problems of administration, especially those arising from increasing size and complexity, which are relevant equally to public and private operations.

First term: 2 hours and conference *Professor Callard*

No Prerequisite.

(*Req. L.A.*)

341b. THE ADMINISTRATIVE PROCESS. Third or Fourth year (Half course). Public Administration. An advanced study of administration by governments with examples drawn principally from Canada, the U.S.A., and the U.K.

Permission of the instructor required.

Second term: 2 hours and conference *Professor Callard*

NOTE: 341a is intended primarily for Third and Fourth year students for the B.Com. degree and those proceeding to Political Science 341b. Supplementary reading will be prescribed in 341a for students concentrating in Political Science who have permission to proceed to 341b).

343a. MUNICIPAL GOVERNMENT. Third or Fourth year (Half course). A study of systems of local governments in Great Britain, the United States, and Canada, and an examination of municipal problems of law, politics and finance.

First term: 3 hours *Professor Callard*

344. INTERNATIONAL RELATIONS. Third or Fourth year (Full course). An analysis of the persistent forces that underlie international relations, with particular emphasis upon the problems which result from the existence of the modern state system.

3 hours *Mr. Brecher*

351. GOVERNMENT OF CANADA. Third or Fourth year (Full course). The working of parliamentary federations in Canada. The problems of federal-provincial relations; the structure of parliamentary government; the evolution of national status.

3 hours *Professor Mallory*

355a. POLITICAL PARTIES. Third or Fourth year (Half course). A comparative study of the organization, role, and functioning of political parties and the party system in constitutional states.

First term: 3 hours *Professor Mallory*

NOTE: Philosophy 6, Constitutional Law, and Jurisprudence may be offered by permission of the Department as courses in Political Science.

ACCOUNTING

The First year course and the Second year course, either pass or honours, are obligatory and are prerequisites to the corresponding Third and Fourth year courses, which are optional.

101. ELEMENTS OF ACCOUNTING. First year (Full course). Introductions to Books of Account and Financial Statements; theory of debit and credit; principles of double entry; books of original entry; transactions through the general journal, and sales and purchase books; special forms of cash book; controlling accounts; general ledger; accounts receivable and accounts payable ledgers; discounts, interest, prepaid and accrued charges; notes and bills of exchange, cheques, invoices, statements of account, bills of lading and other commercial papers; imprest system of petty cash; depreciation; reserves for bad debts and discounts; inward

and outward consignments; capital and revenue expenditure; bank reconciliations; voucher register; single entry; preparation of Trading and Profit and Loss Statements and Balance Sheets; single proprietorship; elementary partnership accounts.

(*Req. B.Com.*) *Mr. Briant and Mr. Potter*

201. PARTNERSHIPS, CORPORATIONS, AND MANUFACTURING ACCOUNTS. Second year (Full course).

Operating Statements and Balance Sheets.

Partnerships: formation; the partnership agreement; classes of partners and of partnerships; rights, duties, and powers of partners; distribution of profits; admission and withdrawal of partners; partnership dissolution; sale of a partnership to a corporation; default of a partner; goodwill in the accounts.

Goodwill: principles and valuation.

Manufacturing accounts and statements; factory departments; elements of cost; materials and supplies; work in process and finished goods accounts.

Corporations: formation and control; shareholders; directors; meetings; public and private companies; capital stock; limited liability; statutory books; auditors; dissolution; elementary treatment of issues of capital stocks, bonds, and debentures.

Departmental accounts; distribution of charges to departments; comparison of departments' operations.

Depreciation: principles; methods of accounting treatment; entries on disposal of fixed assets.

Reserves and Reserve Funds: classification; sinking funds; secret reserves.

Elementary consideration of financial statements: analysis and interpretation; methods of presentation; treatment of surplus.

Advance advice as to accounting techniques: branch accounting; budgets; cost accounting.

(*Req. B.Com. Alternative: 201H*) *Mr. Briant*

201H. ACCOUNTS OF PARTNERSHIPS AND CORPORATIONS, AND GENERAL ACCOUNTING THEORY. Second year (Full course).

For Honour students only. May be taken with Economics 211H, where students are qualified for both courses.

More advanced treatment of the work of Year 1; manufacturing accounts and statements. Partnerships, formation, operation and liquidation; treatment of goodwill; accounts of limited companies; reserves

and reserve funds; sinking funds, secret reserves; departmental accounts; elementary Branch Accounts; accounting for depreciation of fixed assets; capital and revenue expenditure; valuation of Inventories; theory of income measurement; analysis of financial statements; discussion, at all stages, of accounting theory.

(Req. B.Com. Alternative: 201) *Mr. Briant*

Prerequisites: A minimum of 75% in Accounting 101 with a good second class average in First year.

301. STATEMENT ANALYSIS, AUDITING, AND BRANCH ACCOUNTS. Third year (Full course).

(a) *Accounting:* Balance sheet: Principles of valuation of current and fixed assets and liabilities; contingent liabilities; critical analysis; ratios and enquiries; reports.

Bonds and debentures; security payment of interest and principal; the trust deed; bond issue and redemption; nominal and effective interest rates; amortization.

Sinking Fund reserves and investments; secret reserves.

Capital Stock; accounting treatment; preferred and common shares; par and no par value; authorized, allotted, issued, and paid-up capital; treasury stock; forfeiture of shares; redemption of redeemable preferred shares.

Surplus; earned, distributable and capital surplus; capital and revenue; profits and losses; dividends.

Comparative Balance Sheets and operating statements; schedule of working capital; sources and application of funds; equity of shares; sundry analyses; comparative ratios.

Branch Accounts; merchandise charged at cost, intermediate, or selling prices; foreign branches; conversion of accounts in foreign currency.

(b) *Auditing:* definition; classification and scope; objects and advantages; internal check; rights, duties, and responsibility of auditors; fraud and error in accounts; legal regulations—Dominion and Provincial; audit procedure and programmes; audit certificate and reports, audit working papers; investigations.

(Req. L.A. Alternative: 301H and 302 H) *Professor Patton*

301H. BRANCH ACCOUNTS, JOINT VENTURES, STATEMENT ANALYSIS AND GENERAL ACCOUNTING THEORY. Third year (Full Course). *For Honours students only.*

More advanced treatment of the work of years 1 and 2; principles of valuation of assets and liabilities; consideration of accounting problems resulting from changing monetary values; analysis of financial statements; report to management, shareholders, and third parties; statements of source and application of funds, use of ratios for critical analysis and interpretation; accounting for Joint Ventures; branch accounts, domestic and foreign, with merchandise charged out at cost, intermediate, or selling prices.

(*Req. L.A. Alternative: 301*) *Professor Byrd*

Prerequisites: A minimum of 75% in Accounting 201H with a good second class average in the Second year.

302H. AUDITING THEORY AND PRACTICE. Third year (Full course). *For Honours students only.*

Essential principles, objects, and advantages; rights, duties and responsibilities of the auditor in the case of sole traders, partnerships, limited companies, estates, and trusts; internal check; discovery of fraud and error; consideration of legal regulations and of case law; auditor's reports; investigations.

(*Req. L.A. Alternative: 301*) *Professor Byrd*

Prerequisites: As for Accounting 301H.

401. REORGANISATIONS, EXECUTORSHIP ACCOUNTS, AND TAXATION: Fourth year (Full course). Reorganisations: Schemes of amalgamation and absorption, including pooling schemes; conversion of firms to limited companies; reduction of capital stock of corporations and refinancing, with special consideration of rights of different classes of shareholders; accounting treatment.

Instalment Sales: Accounting methods including determination of profit distribution.

Executorship Accounts: Accounting for capital and income; charge and discharge statements; succession duties.

Taxation: General principles. Income taxes: Federal and Provincial, theory and practice; study of appropriate Acts, as amended, and their application in assessments of individuals, partnerships and corporations. Brief consideration of other taxes, Federal, Provincial, and Municipal.

(*Req. L.A.*) *Professor Byrd*

402. CONSOLIDATIONS, COST ACCOUNTING, AND BUDGETARY CONTROL. Fourth year (Full course). Holding companies; purpose and types of consolidations; methods of presenting Holding Company statements; consolidated balance sheets and operating statements; intercompany transactions and accounts; stock and bond holdings—investment accounts; legal provisions; minority interest; auditor's report to the shareholders.

Cost Accounting; terms and cost formulae; elements of cost; the general accounts and the cost records; materials—purchasing, receiving, storage, and consumption of materials; labour—time reports and payrolls, labour reports and distribution; manufacturing expense—principles of procedure, distribution to departments and to production; operating and financial statements; cost reports; estimating cost systems; standard costs; variances, cost ratios.

Budgetary Control: Preparation and control of the budget; divisions of the budget; the over-all budget programme; elementary consideration of flexible budgets.

Bankruptcy and Liquidation Accounts: Receiver's Accounts; priority of creditors; Statement of Affairs; Deficiency Account; Realization and Liquidation Statement; operations of the Trustee.

(*Req. L.A.*) *Professor Patton*

BUSINESS ORGANIZATION AND INDUSTRIAL MANAGEMENT

341B. BUSINESS ORGANIZATION AND INDUSTRIAL MANAGEMENT.

Third year (Half course.) This course deals with the application of the principles of organization and management to a representative manufacturing company. It considers the administrative problems of the various segments of an enterprise with particular emphasis upon office management and the other phases of the Comptroller's Department, in addition to a survey of the work of other departments including: Sales, Industrial Relations, Engineering, Purchasing, and Manufacturing.

Second term: 3 hours *Mr. Pugsley*

(*Req. L.A.*)

Prerequisite: Political Science 341.

MATHEMATICS

111. TRIGONOMETRY, ALGEBRA, ANALYTICAL GEOMETRY. (Full course.)

PLANE TRIGONOMETRY. Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformations of sums and products, logarithmic solution of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

ALGEBRA. Variations, progressions, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

ANALYTIC GEOMETRY. The analytic geometry of the straight line and circle.

3 hours *Staff*

Text: H. Tate, *Elementary Mathematical Analysis* (Sir Isaac Pitman).

(*Req. B.Com.*)

223a. ELEMENTARY STATISTICS. (Half course.) Review of analytic geometry, averages, standard deviation, correlation, curve fitting.

First term: 3 hours. *Professor Tate*

Text: Kozakiewicz, *Notes on Statistics* (McGill).

(*Req. L.A.*)

223b. THEORY OF INTEREST. (Half course.) Simple and compound interest, discount, annuities certain, sinking funds, bonds, elementary insurance.

Second term: 3 hours *Professor Tate*

Text: H. Tate, *Mathematical Theory of Interest* (Pitman).

(*Req. L.A.*)

224. ELEMENTARY CALCULUS. (Full course.) Graphical representation, limits, differentiation and integration of elementary functions with applications to the determination of lengths, areas, and volumes and to the solution of simple problems in mechanics, physics, etc. Partial differentiation.

This course is intended to give students of biochemistry, chemistry, economics, and sociology a working knowledge of the elements of calculus.

3 hours *Professor Tate and Staff*

Text: J. N. Michie, *Differential and Integral Calculus* (Van Nostrand).

335a. MATHEMATICS OF LIFE INSURANCE. (Half course.) Expectation of life, life annuities and assurances, reserves, return of premiums, conversion tables.

First term: 3 hours *Professor Wood*

Prerequisite: Mathematics 223b.

Texts: Larsen and Gaumnitz, *Life Insurance Mathematics* (Wiley); J. B. MacLean, *Life Insurance* (McGraw-Hill).

337a. FURTHER CALCULUS. (Half course.) Hyperbolic functions, partial differentiation, infinite series, beta and gamma functions.

First term: 3 hours *Professor Tate*

Prerequisites: Mathematics 223a, 224.

Text: J. N. Michie, *Differential and Integral Calculus* (Van Nostrand).

338b. ELEMENTARY PROBABILITY AND MATHEMATICAL STATISTICS. (Half course.) Averages, measures of dispersion, probability functions, the normal curve, comparison of distributions, correlation, sampling.

Second term: 3 hours *Professor Fox*

Prerequisites: Mathematics 223a, 224, 337a.

Text: S. S. Wilks, *Elementary Statistics* (Princeton University Press)

(*Not given in 1953-54.*)

NOTE

(1) Students are advised to take the mathematical courses in the following order:

(a) Mathematics 111 or 113 in the First year.

(b) Mathematics 223a and 223b in the Second year.

(c) Mathematics 224 and/or 335b in the Third year.

(d) Mathematics 337a and 337b in the Fourth year.

(e) Students who are taking Honours in Economics should take Mathematics 224 in their Second year.

(2) Students in Commerce who wish to take mathematical courses other than those listed above will find additional courses in the Announcement of the Faculty of Arts and Science. Such students should consult the Department of Mathematics before registering in these courses.

(3) Students who wish to enter the actuarial profession should take the following courses in mathematics:

Second year: 223, 224, 236.

Third year: 227a, 337, 335b.

Fourth year: 343a, b; 450.

LAW

COMMERCIAL LAW 1. (Full course.) Law of Contracts, Sale, Agency, Partnership, Company Law, and Negotiable Instruments.

3 hours *Professor Vineberg*

(*Req. B.Com.*)

INTERNATIONAL GOVERNMENT. (Half course.) A study of International Institutions, particularly the League of Nations, the United Nations, and the Specialized Agencies.

Second term: 2 hours *Professor Cohen*

(*Commerce students may take this course only after obtaining permission from Professor Cohen.*)

MARKETING

301. ELEMENTS OF MARKETING (PRINCIPLES AND PROBLEMS). Third year. An introduction to the study of marketing institutions, practices, and policies. The course includes a description and appraisal of methods of marketing industrial and consumer goods, a critical examination of distribution costs, and legislation affecting marketing.

3 hours *Mr. Loftus*

401. MARKETING PROBLEMS OF DISTRIBUTORS AND MANUFACTURERS. Fourth year (Full course). A study of the organization, administration, and business policies of the main types of marketing institutions and firms (e.g., co-operatives, commodity exchanges, wholesalers, mail-order firms, chain stores, department stores, and independent retailers). The study includes more detailed and specialized examination of some of the topics introduced in the Marketing 301 course, particularly of marketing policies of manufacturers.

3 hours

(*Not given in 1953-54.*)

402. MARKET RESEARCH. Fourth year (Full course). A thesis course in marketing. Each student is required to write a marketing thesis under direction, and to attend a marketing conference of one hour per week.

3 hours

Prerequisite: Marketing 301.

(*Not given in 1953-54.*)

SCIENCE IN ECONOMIC LIFE

These courses are designed to give the student an understanding of the various factors in man's physical and social environment that determine his manifold activities and his ability to utilize them to his advantage. In general, these factors are the subject matter of several sciences.

SCIENCE IN ECONOMIC LIFE 1 (Geography 21)—SOCIAL GEOGRAPHY. (Full course.) Scope and aim of social geography: affinity to other sciences. Nature of physical environment and of man-land relationships. World distribution of foods, raw materials, and fuels in relation to changing needs of industry, commerce, and population. Problems of land use and resource conservation. Select areal studies illustrating the role of geography in modern economic life.

3 hours *Professor Hare and Mr. Hills*

SCIENCE IN ECONOMIC LIFE 3 (Chemistry 70)—CHEMISTRY (Full course). By virtue of its two main subdivisions, inorganic and organic, chemistry presents a vast field of service to man. In this course the important principles of industrial chemistry are presented by application to

commercial processes where all their aspects are studied in relation to their economic importance.

2 hours *Professor Hatcher*

THESIS COURSE

Students who have been recommended by the Director (generally those with a good second class average or better) should write a thesis under the direction of one of the Instructors in the School of Commerce. Such a thesis will have the value of one full course. The students will meet at a time and place to be announced. Subjects must be chosen and accepted by the Director by October 20th. A descriptive outline of the subject must be submitted to the Instructor by December 1st, and the final report, typewritten, must be submitted to the Director not later than April 1st.

ENGLISH

First Year

100. ENGLISH LITERATURE. (Full course.) In the first term the work will consist mainly of (i) a detailed study of Shakespeare's *Macbeth*. and (ii) a survey of the life and work of Milton, with a detailed study of *Lycidas* and the first book of *Paradise Lost*. In the second term the work will consist mainly of a survey of English Literature from 1660 to the present day, with a detailed study of certain texts which will be prescribed. In addition, a number of lectures will be given, in both terms, on Canadian Literature. All students must possess the class textbooks, which are—Shakespeare, *Macbeth*, ed. Verity (Cambridge University Press); Daiches and Charvat, *Poems in English, 1530-1940* (Ronald Press); Mack, Dean, and Frost, *English Masterpieces*, volume 8, 'Selected Prose' (Prentice-Hall); Dickens, *Oliver Twist*, any edition; Dudek and Layton, *Canadian Poems, 1850-1952*, Toronto (Contact Press); Phelps, *Canadian Writers* (McClelland and Stewart).

A student whose mother tongue is not English and who might, therefore, encounter unusual difficulties with English 100 in the First year may apply to the Department of English for permission to postpone the course until the Second year. If this permission is granted the student will take Commercial Law in the First year.

3 hours *Professor Duthie and others*

(*Req. B.Com.*)

100C. ELEMENTARY ENGLISH COMPOSITION. Training will be given in the writing of correct idiomatic English. Attention will be paid to such matters as spelling, punctuation, sentence-structure, paragraphing, grammar, syntax, etc. Students will be required to submit exercises and essays at regular intervals.

1 hour per week throughout the session. *Professor Duthie and others*

(*Req. B.Com.*)

NOTE: At the beginning of the session students will be required to take a test in Composition. Those who achieve a high standard in this test will be exempted from English 100C. Those who, while not thus exempted, attain a high standard in the work of the first term will be exempted from the course at the beginning of the second term.

150. ELEMENTARY ENGLISH COMPOSITION. This course is especially designed to help students whose mother tongue is not English and who have particular difficulty in the writing of correct idiomatic English.

First year students whose mother tongue is not English, and whose proficiency in the use of English is not such, in the opinion of the Department, as to enable them to profit adequately from Course 100C, will be directed to substitute 150 for 100C, or part of 150 for part of 100C. First year students not so directed, and students in other years, may, with the permission of the instructor, elect this course; but they cannot thereby gain any credit towards a degree.

2 hours per week throughout the session. *Miss Fricker*

Second Year

Choice of English courses open to Second year Arts and Science students

Third and Fourth Years

Choice of English courses open to Third and Fourth year Arts and Science students.

FRENCH

First Year

11. (Advanced)
12. (Ordinary) } FRENCH. (Full course.)

General survey of French literature in the 18th and 19th centuries. French composition.

3 hours *Professor Larivière and Staff*

13. GENERAL SURVEY OF FRENCH CIVILIZATION (Full course).

3 hours *Professor d'Hauteserve and Staff*

Students who do not intend to continue French beyond the First year are advised to enrol for French 13, in which there is more emphasis on language and less on literature. However, students who have passed *French 13* and which to continue French in their Second year will be accepted in *French 23*.

All other students should enrol for French 11 or 12, according to their proficiency in the language.

Students are reminded that it is not possible to attain fluency in spoken French without extra work and those who really desire to speak French for cultural or professional purposes are recommended to attend the French Summer School.

Second Year

21. GENERAL SURVEY OF MEDIEVAL AND CLASSICAL FRENCH LITERATURE; FRENCH COMPOSITION AND PHONETICS. (Full course.)

3 hours *Professor Rigault and Staff*

Prerequisite: French 11 or 12 or the equivalent.

23. COMMERCIAL, INDUSTRIAL, AND SCIENTIFIC FRENCH. (Full course.)

3 hours *Professor d'Hauteserve*

Prerequisite: French 13, or the equivalent.

Texts: Lebert, Pasteur (Dryden Press); Durtain, Les Grandes Figures de la Science Française (Hachette); Whitmarsh, Advanced French Course (Longmans).

Third or Fourth Year

41. MODERN FRANCE. (Full course.) Geographical outline. Political, social, and economic aspects of French life since 1870.

3 hours *Professor Launay*

(*This course is open to students with a reasonable command of spoken French and the ability to take notes in French during the lectures.*)

For additional courses in French, which may be open to Commerce students at the discretion of the Chairman of the Department, see the Announcement of the Faculty of Arts and Science.

GERMAN

1. GERMAN LANGUAGE. *Professor Meyer and Mr. Block*
2. GERMAN LANGUAGE. *Mr. Block*
5. GERMAN LANGUAGE. *Professor Meyer*

For further information and additional courses in German, see the Announcement of the Faculty of Arts and Science.

SPANISH

11. FIRST YEAR. (Full course)

Grammar, reading and dictation, oral exercises and composition.

3 hours *Professor Henry and Mr. Stegen*

21. SECOND YEAR. (Full course)

Further cultural reading, translation, free composition, conversation.

3 hours *Professor Henry and Mr. Stegen*

31. THIRD YEAR. (Full course)
Novelists of XIX Century. Advanced composition, translation, conversation.
3 hours *Professor Harrop*

32. SPANISH LITERATURE. Third year (Full course). A "great writers" course covering the masterpieces of Spanish literature.
3 hours *Professor Harrop*

42. SPANISH DRAMA OF THE 19TH AND 20TH CENTURIES. Fourth year (Full course).
3 hours *Professor Harrop*
(*Given in 1954-55.*)
Open to Third year students with permission of the Department.

43. SPANISH-AMERICAN LITERATURE. Fourth year (Full course).
3 hours *Professor Harrop*
Open to Third year students with permission of the Department.

For titles of text books, see Announcement of Faculty of Arts and Science.

HISTORY

1. EUROPEAN CIVILIZATION SINCE THE ROMAN EMPIRE AND ITS EXPANSION OVERSEAS. *Professor Bayley*

2. GENERAL HISTORY OF NORTH AND SOUTH AMERICA.
Second year. *Professor Adair*

3. HISTORY OF THE BRITISH EMPIRE. Second year. *Professor Cooper*

8. THE RISE OF BRITISH INDUSTRIAL DEMOCRACY SINCE 1815.
Fourth year. *Professor Reid*

17. THE HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE.
Second, Third, and Fourth years. *Professor Fieldhouse*
(*Not given in 1953-54*).

18. HISTORY OF DIPLOMACY, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY SINCE 1815.
Second, Third, and Fourth years. *Professor Fieldhouse*

19. GENERAL HISTORY OF THE SLAVONIC PEOPLES (WITH SPECIAL EMPHASIS ON RUSSIA). *Professor Mladenovic*

20a. THE SLAVS AND THE HABSBURG MONARCHY (Half course).
3 hours *Professor Mladenovic*

20b. WAR AND SOCIETY IN EASTERN EUROPE (Half course).
3 hours *Professor Mladenovic*
(*Save by special consent of the Department, this course is open only to students who have previously taken either History 17 or History 19.*)

21. HISTORY OF SOVIET RUSSIA (Full course).
3 hours *Professor Mladenovic*
(*Save by special consent of the Department, this course is open only to students who have previously taken either History 17 or History 19.*)

For additional courses in History, see the Announcement of the Faculty of Arts and Science.

PSYCHOLOGY

21. INTRODUCTION TO PSYCHOLOGY. Second year. (Full course).
3 hours *Professor Hebb*
Prerequisite to all further courses in Psychology.

34a. THE DYNAMICS OF BEHAVIOUR AND ADJUSTMENT. Third or Fourth years. (Half course)
First term: 3 hours *Professor Bindra*

36b. HUMAN RELATIONS IN BUSINESS AND INDUSTRY. Third and Fourth years (Half course). Introduction to industrial psychology with emphasis upon its social aspects.
Second term: 3 hours
Prerequisite: Psychology 34a.

51a. THEORY, TECHNIQUES, AND INTERPRETATION OF MENTAL MEASUREMENTS. Fourth year (Half course).
First term: 3 hours
Prerequisite: One course in general statistics such as Psychology 22, Economics 361, or Mathematics 338.

54b. PERSONNEL AND INDUSTRIAL PSYCHOLOGY. Fourth year (Half course).
Second term: 3 hours lecture; 2 hours practice work.
Prerequisite: Psychology 51a.

Students who are planning to prepare for Industrial Relations or personnel work are advised to take courses 21, 34a, 36b, 51a, and 54b. Those who wish a less intensive course are advised to take courses 21, 34a, and 36b.

SOCIOLOGY AND ANTHROPOLOGY

21. INTRODUCTION TO THE STUDY OF SOCIETY (Full course).

3 hours *Professors Westley, Ross, and Elkin*

Text: Davis, Human Society (Macmillan).

Sociology 21 (or its equivalent) is a prerequisite for all other courses in Sociology and Anthropology.

31a. PRIMITIVE SOCIETY (Half course). The comparative study of social organization among non-literate groups. The course will deal principally with the analysis of social systems as these appear in cultures at various levels of complexity.

First term: 3 hours *Professor Fried*

Prerequisite: Sociology 21, 22, or permission of instructor.

31b. COMPLEX SOCIAL STRUCTURES (Half course). Analysis of organized groups in a complex society; institutions and their classification; theory of institutional statuses and offices; personal career lines; relation of occupations and professions to institutions; introduction to the theory of social class.

Second term: 3 hours *Professor Hall*

Prerequisite: Sociology 31a, or permission of instructor.

41a. HUMAN ECOLOGY. Fourth year (Half course). Rise of modern urbanism; theories of urban growth; distributions of population resulting from competitive and social factors; human ecology and community planning.

3 hours *Professor Elkin*

46a. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS. Fourth year (Half course). Formal and informal organization in the work world; bureaucratic and related forms of organization; the role of cliques, conflict groups, and similar forms of association.

Professor Hall

Prerequisite: Sociology 31 or permission of instructor.

46b. RACE RELATIONS IN INDUSTRY. Fourth year (Half course). Race relations and ethnic participation in industry; the adjustments of minority groups to the work world, and the experience of their members therein; with special emphasis on the Canadian scene.

Professor Hall

Prerequisite: Sociology 46a or permission of instructor.

McGill University

School of Commerce
Evening Courses

1953-1954

GENERAL

The School of Commerce offers an evening course programme in Accounting and allied subjects to meet the needs of those interested in such training. The programme is likewise designed to provide the curricular requirements for Commerce graduates proceeding to the Licentiate in Accountancy, for Students of the Institute of Chartered Accountants of the Province of Quebec proceeding to the C.A. diploma, and for students proceeding to the diploma of the Society of Industrial and Cost Accountants.

Students registered for the Licentiate in Accountancy or with one of the societies must plan their courses in accordance with the requirements of the diploma for which they are working. They must also ensure that they will not have more than six class hours in a week, four being generally preferable.

Examinations are held at the end of each course and the University grants a certificate to all candidates who pass the examinations.

ADMISSION - Accounting and Auditing Courses

Students without training or experience in accounting and auditing will be required to register for Elements of Accounting and to pass the examination in that and each successive course of the first three years before proceeding to more advanced accounting and auditing courses.

No student will be permitted to enter the courses in Intermediate Accounting, Parts I and II, Intermediate Auditing, and Final Accounting and Auditing, Part I without having passed all examinations in the accounting and auditing courses preceding, unless he has been specifically exempted therefrom.

Students with previous training or experience in accounting and auditing may be permitted to register at an advanced level in accordance with the decision of the Professor of Accounting. Subsequent advancement will require passing the regular course examinations.

ATTENDANCE

School of Commerce evening courses are held in the Arts Building, unless otherwise indicated.

Students who are absent for more than one eighth of the lectures and do not present a proper written excuse, such as a medical certificate or a letter from their firm showing that their duties prevented attendance, will not be allowed to sit for the course examinations.

TABLE OF COURSES OF INSTRUCTION FOR THE EXAMINATIONS OF VARIOUS ORGANIZATIONS

Course	McGill University (Licentiate in Accountancy see page 1237)	Institute of Chartered Accountants of Quebec (see page 1238)	Society of Industrial and Cost Accountants (see page 1240)	Chartered Institute of Secretaries (see page 1241)	General Accountants' Association (see page 1241)
	Year	Year	Year	Year	Year
Elements of Accounting	..	1	1	1	1
Intermediate Accounting (Pt. I)	..	2	2	2	2
Intermediate Accounting (Pt. II)	..	3	3	3	3
Intermediate Auditing	..	3	..	..	3
Final Accounting and Auditing (Part I)	1 after B.Com.	4	..	..	4
Final Accounting and Auditing (Part II)	2 after B.Com.	5	..	..	5
Mathematics	..	1	1	..	1
Commercial Law	..	1	..	..	..
Economics	..	1	..	..	..
Fundamentals of Cost Accounting	..	..	3	..	..
Advanced Cost Accounting	..	..	4	..	..
Industrial Management	..	..	4	..	..
Labour and Industrial Legislation	..	..	2	..	..
Duties of Secretaries	..	2	..	2 or 3	..

Note: The years indicated are intended as a general guide and are not to be regarded as necessarily applicable in all circumstances.

LICENTIATE IN ACCOUNTANCY OF McGILL UNIVERSITY

The diploma of Licentiate in Accountancy of McGill University confers on its holder the right to become a member of the Institute of Chartered Accountants of Quebec, without further examinations, after attaining the age of twenty-one years, fulfilling the required term of apprenticeship training, and making payment of the usual fees and contributions.

Examinations leading to the diploma of Licentiate in Accountancy will be held annually in the latter half of October. The examinations consist of six papers, three in accounting and three in auditing.

The examinations leading to the diploma of Licentiate in Accountancy may be taken by a Bachelor of Commerce of McGill University who has—

(a) Passed the following courses as part of his undergraduate work:

Five full courses in Accounting (including Elementary Auditing)

Political Science 341a and Business Organization 341b

Commercial Law

Elements of Economics (Economics 211)

Elementary Statistics (Mathematics 223a)

Theory of Interest (Mathematics 223b)

(b) Completed and returned in duplicate to the Secretary, School of Commerce, the official registration form obtainable at the School.

(c) Served since graduation for a term of at least one year in the office of a practising chartered accountant, if possible. If the student claims that this is not possible, he will be required to show inability to obtain such employment in the winter season, when employment should normally be obtainable. In such circumstances the Licentiate Board may consider the possibility of recognising such other employment in accounting as may seem an acceptable substitute.

(d) Attended the evening courses C461, and C462, C561 and C562, in Final Accounting and Auditing, Parts I and II, and passed the course examinations held at the close of each course.

Note: A regulation, dated March 7, 1947, provides that all students who, as at that date, are or thereafter become qualified to write the examinations for the Licentiate in Accountancy must write and pass such examination within five years from the above date, or the date when

they first became eligible, whichever is the later. Students failing to do so must again pass the class examination in each course of Final Accounting and Auditing or an approved equivalent before they will be permitted to write at any subsequent examination.

(e) Made written application to the Secretary of the School of Commerce to sit for the examinations, and paid the necessary fee.

DIPLOMA OF THE INSTITUTE OF CHARTERED ACCOUNTANTS OF QUEBEC

The Institute of Chartered Accountants of Quebec conducts its own qualifying examinations but requires that candidates must have previously passed the University examinations for the courses, as set out on pages 1241-1244. As a prerequisite to recognition of these evening courses for admission to its own examinations the Institute requires the student to hold a High School standing sufficient for admission to the University's day courses. This certificate must be shown to the University Registrar before enrolment for the courses.

Details of apprenticeship and other matters concerning the Institute may be obtained from:

Mrs. Ethel Dixon,
Assistant Secretary,
Institute of Chartered Accountants of Quebec,
430 Canada Cement Building,
Montreal.

The normal plan of studies for one who attempts to obtain a diploma requires five years, paralleling the five years of apprenticeship in the office of a practising chartered accountant, and is usually arranged as follows:

First Year: Elements of Accounting.
Mathematics.
*Economics

Second Year: Intermediate Accounting, Part I.
Commercial Law.
*Duties of Secretaries of Joint Stock Companies.

*These subjects may be taken, at the student's option, by correspondence course with the Institute of Chartered Accountants of Quebec, during the summer months only, i.e., after the University courses have concluded.

Third Year: Intermediate Accounting, Part II.
Intermediate Auditing.

Fourth Year: Final Accounting and Auditing, Part I. C461 and C462.

Fifth Year: Final Accounting and Auditing, Part II. C561 and C562.

Note: The courses in Intermediate Accounting, Part II, and Intermediate Auditing replace the former Intermediate Accounting and Auditing, Part II. All students without credit for the latter course will be required to attend the two full courses of twenty-five lectures each in Intermediate Accounting and Intermediate Auditing in their Third year. Students who, having attended the former course in Intermediate Accounting and Auditing, Part II, have not yet obtained credit either in this examination or in the separate Intermediate Accounting, Part II, and Intermediate Auditing examinations, must re-attend the appropriate courses before again sitting for the examinations.

SUPPLEMENTAL EXAMINATIONS

Supplemental examinations in Accounting and Auditing only will be held in September for students who fail in any of the examinations of the first three years. No student will be permitted to enter the courses in Intermediate Accounting, Parts I and II, Intermediate Auditing, and Final Accounting and Auditing, Part I, without having passed all examinations in the accounting and auditing courses preceding, unless he has been specifically exempted therefrom.

The fees for re-examination or examination outside Montreal are to be found on page 1248.

All applications for re-examination or examination outside Montreal must be made to the Director of the School of Commerce before March 25th, accompanied by the required fee, and must include a statement as to the period in which the classes were taken.

The Institute of Chartered Accountants of Quebec has two sets of qualifying examinations: Intermediate Accounting and Auditing, and Final Accounting and Auditing. Both sets of examinations are held annually, in the latter half of October. These examinations are conducted by the Institute under its own regulations. Applications to sit for these examinations must be made to the Secretary of the Institute, with proof that the necessary requirements have been met.

The Intermediate Accounting and Auditing examinations consist of four papers and are normally taken after three years of evening study.

Before sitting for these examinations, the candidate must have passed the following course examinations:

Elements of Accounting
Intermediate Accounting, Part I
Intermediate Accounting Part II and Intermediate Auditing
Mathematics
Commercial Law
Economics
Duties of Secretaries of Joint Stock Companies

In practice the Institute allows students who have written and failed in *one* only of the non-accounting courses to carry that course forward as a supplemental until after he has written his Intermediate C.A. examination for the first time. If he fails in that examination he is not then allowed to sit again until he has passed the supplemental examination in the course carried forward.

The Final Accounting and Auditing examinations consist of six papers, three in Accounting and three in Auditing, and are taken only after all of the course examinations have been passed. The additional course examinations are:

Final Accounting and Auditing (Parts I and II), C461, C462, C561, C562.

DIPLOMA OF THE SOCIETY OF INDUSTRIAL AND COST ACCOUNTANTS

The Society of Industrial and Cost Accountants has three sets of qualifying examination for its diploma, Registered Industrial Accountant (R.I.A.).

Primary Examination

(a) Accounting 1.
(b) Business Mathematics.

Intermediate Examination

(a) Accounting 2.
(b) Fundamentals of Cost Accounting.

Final Examination

(a) Industrial Organization and Management.
(b) Industrial Legislation.
(c) Advanced Cost Accounting.
(d) Cost Accounting Thesis.

The courses in Elements of Accounting and Intermediate Accounting and Auditing, Parts I and II (pages 1241 and 1242), cover the ground necessary for the Accounting I and II examinations. Special courses in Fundamentals of Cost Accounting, Industrial Management, Industrial Legislation, and Advanced Cost Accounting (pages 1244 and 1245), have been arranged by the University in co-operation with the Society.

Particulars may be obtained from Professor D. R. Patton, Chairman of the Co-ordinating Educational Committee of the Society.

OTHER ASSOCIATIONS

The course "Duties of Secretaries of Joint Stock Companies" has been arranged in co-operation with the **Chartered Institute of Secretaries.** Honorary Secretary, P. T. R. Pugsley, 507 University Tower Building, 660 St. Catherine St. West, Montreal. Telephone UN-6-6961.

The **General Accountants' Association** provides for two sets of examinations (a) Intermediate and (b) Final, leading to its diploma. Secretary, John Rhodes, 5336 Queen Mary Road, Montreal. Telephone WA. 9801.

Full information about these organizations and their educational programmes may be obtained from their respective secretaries.

EVENING COURSES OF INSTRUCTION

All lectures are given in the Arts Building unless otherwise indicated.

C161—ELEMENTS OF ACCOUNTING

Twenty-five lectures of two hours each. Given in three class divisions on Monday 6-8 p.m., and Tuesday 6-8 p.m., commencing September 28th. Fee $40.00.

Term tests: see Examination Regulations, page 1248.

A pass in this course is a prerequisite for Intermediate Accounting (Part I).

Introduction to Books of Account and Financial Statements; theory of debit and credit; principles of double entry; books of original entry, general journal, sales and purchase books, cash books, voucher register; controlling accounts; general ledger; accounts receivable and accounts payable ledgers; discounts, interest, prepaid and accrued charges; notes and bills of exchange; business documents; depreciation; reserves for bad debts and discounts; consignments; capital and revenue expenditure; bank reconciliations; single entry; preparation of Trading and Profit and Loss Statements and Balance Sheets; single proprietorship.

C261—INTERMEDIATE ACCOUNTING (PART I)

Twenty-five lectures of two hours each, given in three class divisions, two on Tuesday, 6-8 p.m., and one on Wednesday, 6-8 p.m., commencing September 29th. Fee $45.00. Students will be required to submit home-work for correction and return.

Mid term tests: see Examination Regulations, page 1248.

A pass in this course is a prerequisite for Intermediate Accounting (Part II).

Principles of operating statements and balance sheets; partnerships: formation, special problems, dissolution, sale to a corporation; goodwill; incorporated companies: organization, share capital, bonds, annual meetings, statements, auditors; manufacturing; exceptional; losses departmentalization; distribution of expenses and income; depreciation; comparison of operating statements; working papers.

C361—INTERMEDIATE ACCOUNTING (Part II)

Twenty-five lectures of two hours each in Accounting, given in two class divisions on Wednesday, 6-8 p.m., and Thursday, 6-8 p.m., commencing September 30th. Fee $45.00. Students will be required to submit home-work for correction and return.

Mid term tests: see Examination Regulations, page 1248.

Balance sheet valuations, current and fixed assets and liabilities, wasting assets, bonds and debentures, reserves. Capital stock, classification of shares, no par value regulations, forfeited stock, treasury stock, earned, capital, and distributable surplus, capital and revenue profits and losses, uncompleted contracts, dividends. Critical analysis of the balance sheets, comparative balance sheets and operating statements. Reconstruction and reorganization of companies; mergers and amalgamations; holding company and subsidiaries; minority interests. Consolidated statements.

C362—INTERMEDIATE AUDITING

Twenty-five lectures of two hours each given in two class divisions on Monday and Tuesday, 6-8 p.m., commencing September 28th. Fee $45.00.

Need and purpose of audits. Fraud and error in accounts. Types and characteristics of audits. Rights, duties, and responsibilities of auditors. Audit of operations, verification of assets and liabilities. Working papers. Investigations.

Note: Passes in the examinations of courses C161, C261, C361, and C362 are prerequisites to sitting for the Intermediate Examination in Accounting and Auditing of the Institute of Chartered Accountants of Quebec.

C461/2—FINAL ACCOUNTING AND AUDITING Part I

Part I should be passed before the student takes Part II.

Fifty lectures of two hours each given on either of (i) Mondays and Thursdays, or (ii) Wednesdays and Fridays, from 6 to 8 p.m., beginning October 19th. On this date the lecture will be from 7 to 9 p.m. Students will be required to answer test papers and submit solutions for correction and return.

Mid term tests: see Examination Regulations, page 1248.

C461—Part IA.—Branch accounts; executorship and trustee accounts; bankruptcy and liquidation accounts; auditing—powers, duties, responsibilities of auditors, legal provisions, internal check, audit programmes and procedures, auditors' reports, audit working papers. Fee $32.50.

C462—Part IB—Holding companies and subsidiaries; reorganizations, mergers, and amalgamations; cost accounting: procedure, elements of cost: accounting for and control of materials, labour, and manufacturing expense; process and job cost systems; estimating cost systems, standard costs, variances, cost ratios. Budgetary control; static and flexible budgets. Fee $32.50.

C561/2—FINAL ACCOUNTING AND AUDITING (Part II)

Fifty lectures of two hours each given on either of (i) Mondays and Thursdays, or (ii) Tuesdays and Fridays, from 6 to 8 p.m., beginning September 28th.

Students will be required to answer test papers and submit solutions for correction and return.

Mid term tests: see Examination Regulations, page 1248.

C561—Part IIA.—Thursdays and Fridays. Advanced accounting and auditing problems, including special reference to insurance companies, municipalities, stockbrokers, banks, and investment trusts. Fee $32.50.

C562—Part IIB.—Mondays and Tuesdays. Criticism of operating statements and balance sheets; reports and report writing; investigations; systems and considerations in the accounting and audit of special industries (additional to those covered under Part IIA); taxes and licenses; income and profits taxes. Fee $32.50.

Note: Passes in the examinations of courses C461, C462, C561, and C562 are prerequisites to sitting for the final examinations in Accounting and Auditing of the Institute of Chartered Accountants of Quebec.

C111—MATHEMATICS

Thirty lectures of 1 hour each on Elementary Algebra and thirty lectures of 1 hour each on the Mathematics of Finance, given on Fridays from 6 to 8 p.m., commencing September 30th. Fee $40.00.

Elementary Algebra: Review of fundamentals, logarithms, arithmetic and geometric progressions, graphical representation of simple business statistics.

Mathematics of Finance: Percentages, simple and compound interest, averaging accounts, annuities certain, sinking funds, perpetuities and capitalization, bonds, amortization tables, instalment purchases, depreciation.

Textbooks: L. L. Smail, *Preparatory Business Mathematics* (Ronald Press); H. Tate, *Mathematical Theory of Interest* (Sir Isaac Pitman).

C231—COMMERCIAL LAW

Twenty-five lectures of two hours each. On Thursdays from 7-9 p.m., beginning October 1st. Fee $40.00.

Law of contracts, sale, agency, partnership, company law, negotiable instruments, and bankruptcy.

E1-1—GENERAL ECONOMICS

Twenty lectures of two hours each on Thursdays from 6 to 8 p.m., commencing October 8th. Physical Sciences Centre, 3450 University Street. Fee $30.00.

This course presents the purpose and content of a study of economics; determination of income levels; business cycles, fiscal policy, consumption, production, monopoly and competition, international trade. The second half of each period will be devoted to discussion.

Text: Samuelson, *Economics* (McGraw-Hill).

C451—FUNDAMENTALS OF COST ACCOUNTING

Thirty lectures of one hour each given on Mondays from 8-9 p.m., commencing September 28th. Fee $25.00.

A knowledge of the fundamentals of Cost Accounting; the essential records and the methods of arriving at cost, including the following—Purposes of cost accounting; elements of cost; process cost systems; job cost systems; controlling accounts and the cost records; accounting for materials; material storage and consumption; perpetual inventories and stores control; valuation of materials; accounting for labor cost; wage

systems; accounting for manufacturing expense; distribution of manufacturing expense to production; the cost to make and sell; sundry forms; monthly closing entries; preparations of operating and financial statements; cost reports.

C551—ADVANCED COST ACCOUNTING

Thirty lectures of one hour each, given on Mondays, from 6 to 7 p.m., commencing September 28th. Fee $25.00.

This course is designed for those having a fundamental knowledge of Cost Accounting principles and procedure. It covers advanced instructions in costing problems, records, and practices, and cost accounting in relation to inventories, budgetary control, and other devices of the various departments of a business, including the following: estimating cost systems; principles of standard costs; standard cost procedure; variances; cost ratios; budgetary control; static and variable budgets; differential cost analysis; special considerations and debatable methods; distribution and marketing costs; cost reports; graphic charts; machine accounting; current cost developments; actual working out of a job cost practice set.

I 2-2—INDUSTRIAL MANAGEMENT

Twenty-five lectures of one and one-half hours each on Mondays from 8.00 to 9.30 p.m., commencing September 28th, in the Physical Sciences Centre. Fee $28.00. (Offered in the Department of University Extension.)

This course is designed to provide a picture of the principles, approaches, and some of the more important techniques involved in the management of industrial enterprises. The course deals with legal forms, planning and financing of an enterprise, internal organization, methods and control in factory operations, industrial and personnel relations and administration, accounting and financial control, and marketing and sales administration.

I 3-3—LABOUR AND INDUSTRIAL LEGISLATION

Twenty lectures of two hours each on Wednesdays from 8.00 to 10.00 p.m., commencing October 7th. Fee $30.00. (Offered in the Department of University Extension.)

Syllabus: General provisions of the civil law concerning legal relationship between employers and employees. Contractual Relationship and Government Regulations: Collective labour agreements governed by the Professional Syndicates Act; agreements governed by the Labour Relations Act; individual contracts governed by the Minimum Wage Act; the Quebec Trade Disputes Act, the Public Services Employees Disputes Act, and the act respecting municipal and school corporations

and their employees. Labour unions and employers' associations: their certification, negotiation, conciliation, arbitration; the Provincial and Federal laws governing strikes and lock-outs. Ancillary Laws; review of the so-called social law. Each lecture will be followed by a practical application of the theory presented.

Text: Code of Labour and Industrial Laws, 1952 edition G. Francq.

C241—DUTIES OF SECRETARIES OF JOINT STOCK COMPANIES

Twenty lectures of two hours each, on Mondays at 6.30 p.m., commencing on Monday, September 28th. Fee $25.00.

The procedure and administration of Companies registered under the Companies Acts, from their promotion to their dissolution, with special attention to the work of the secretary and the practice involved, also the routine work of a secretary's office. Business management and office organization; division of responsibility; general systems of control and internal check; responsibilities and duties of the officers of a company, income tax. Detailed study of: notices of meetings; the constitution of a meeting, quorum, chairman; the powers and duties of a chairman; the general conduct of a meeting (discussion and order in debate); the agenda paper, adjournments and postponements: motions and resolutions; amendments, previous questions and closure; voting and proxies; minutes. A study of: fair comment and privilege in speeches, the preservation of order at public meetings, expulsion from meetings, admission of the press to meetings, newspaper reports of meetings. A detailed study of the law, conduct and procedure at company meetings; meetings of directors; notice quorum, privilege in speeches, minutes, committees; meetings of shareholders, kinds of meetings, notices, chairman, proceedings at general meetings, resolutions, and amendments, voting, proxies, adjournments, minutes, privilege in speeches.

CERTIFICATES

(a) Certificates in each course will be issued by McGill University to candidates who pass the examinations.

(b) No certificate will be issued to candidates who pass only Section A or Section B of Final Accounting and Auditing, Parts I and II. Marks in the section passed will be retained and will be considered with the marks obtained subsequently in the remaining section, when the regulations governing examinations in this part shall apply.

REGISTRATION AND FEES

Students register and pay fees through the University Extension Department. Registration and receipt of fees by mail commences on Tuesday, September 1st, 1953, and students are urged to register early by this means. Registration in person by attendance in the University Extension Department will commence on Thursday, September 17th and continue until Saturday, October 17th. On Tuesday, September 22nd, and Thursday, September 24th, Professors Byrd and Patton will be available in the Arts Building, from 6 to 9 p.m., for consideration of special cases requiring exemptions, examination of certificates, transcripts, etc. Any such special cases must be deferred until these dates.

Day Registration in person will be on the third floor, Dawson Hall, from 9 a.m. to 4 p.m. Thursday, September 17th to Saturday, October 17th, inclusive.

Evening Registration in person will be in the Registrar's Office on the ground floor, Dawson Hall, from 5.30 to 8.30 p.m. on Monday and Wednesday from September 21st to October 14th.

For further information telephone MA-9181, Local 304.

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees. Fees are not refundable except in special circumstances.

C161—Elements of Accounting	$40.00
C261—Accounting (Intermediate) Part I	45.00
C361—Accounting (Intermediate) Part II	45.00
C362—Intermediate Auditing	45.00
C461/2—Final Accounting and Auditing, Part I	65.00
C561/2—Final Accounting and Auditing, Part II	65.00
C231—Commercial Law	40.00
C111—Mathematics	40.00
E1-1—General Economics	30.00
C451—Fundamentals of Cost Accounting	25.00
C551—Advanced Cost Accounting	25.00
I 2-2—Industrial Management	28.00
I 3-3—Labour and Industrial Legislation	30.00
C241—Duties of Secretaries of Joint Stock Companies	25.00

The above fees include a charge for multilithed materials supplied to the students. No additional charge will be made.

Late Registration Fee: A late fee of $5.00 for each course will be charged on all registrations after October 17th.

FEES FOR RE-EXAMINATION

A fee of $10 per paper will be charged for re-examination in any course.

FEES FOR LICENTIATE EXAMINATION

Final Accounting and Auditing	$45.00
Supplemental in four papers	30.00
Supplemental in three papers	25.00
Supplemental in two papers	20.00

EVALUATION AND REGISTRATION OF CERTIFICATES

Evaluation and registration of certificate exempting from the whole or part of the McGill Junior Matriculation Certificate.... $ 2.00

EXAMINATION REGULATIONS

MID-TERM TESTS IN ACCOUNTING AND AUDITING

In each of Elements of Accounting, Intermediate Accounting, Parts I and II, Intermediate Auditing, and Final Accounting and Auditing, Parts I and II, two tests will be given during the year. These will count for a total of 24% of the marks for the whole academic year. The examination at the end of the academic year will thus count for a possible 76%. If the student fails and re-writes his examinations without further attendance at classes his re-examination marks will count for a possible 100%, his mid-term test marks being no longer applicable.

SPRING EXAMINATIONS—

INTERMEDIATE ACCOUNTING—Part II, AND INTERMEDIATE AUDITING (C361 and C362)

There will be one examination paper in Accounting and one in Auditing.

The pass mark will be a total of 120 marks out of 200 marks, with a minimum of 50 marks in either paper.

A supplemental examination in one paper only will be permitted if the candidate obtains a total of 120 marks but less than 50 marks in one paper.

A supplemental examination in one paper only will be permitted if the candidate obtains less than a total of 120 marks but 60 or more marks in one paper only.

Candidates obtaining less than 120 marks with less than 60 marks in each paper will be required to re-write both papers.

Candidates who fail in two supplemental examinations in one paper will be required to write both papers.

Candidates failing two supplemental examinations of two papers will be required to repeat the course.

Candidates failing to obtain more than 80 marks in both papers in any examination will be required to repeat both courses and if they obtain less than 40% in any original or supplemental examination they will be required to repeat the course concerned.

FINAL ACCOUNTING AND AUDITING, Part I—(C461 and C462) Part II—(C561 and C562)

The examinations in Final Accounting and Auditing, Parts I and II, consist of two examinations at the end of each part—one in Section A and one in Section B.

The pass marks will be an average pass mark of 60% in each set of two papers of one part, with a minimum of 50% in either paper.

The regulations for supplemental examinations will be the same as outlined for Intermediate Accounting Part II and Intermediate Auditing, above.

ALL OTHER COURSES

The pass mark will be 60%.

A supplemental examination will be permitted if the candidate has obtained 40% or over. Candidates obtaining less than 40%, or failing to pass one of the next two succeeding supplemental examinations, will be required to repeat the course.

McGill University

Montreal

Faculty of Engineering

1953-1954

McGill University

Montreal

Faculty of Engineering

1953-1954

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

INDEX

	Page
Administrative Officers	1405
Admission	1413
Advanced Standing	1414
Applied Mechanics Option	1428
Architecture:	
Course in	1422
Subjects of	1447
Attendance	1414
Botany	1465
Bursaries	1416
Certificates Recognized	1412
Chemical Engineering:	
Course in	1425
Subjects of	1452
Chemistry	1454
Civil Engineering:	
Course in	1427
Subjects of	1458
Classics	1466
Classification of Marks	1418
Committees	1406
Courses of Instruction	1419
Curriculum	1419
Degrees	1408
Designation of Years	1408
Discipline	1416
Economics	1466
Elective Courses	1465
Electrical Engineering:	
Course in	1430
Subjects of	1470
Engineering Courses	1420
Engineering Law	1478
Engineering Physics	1440
Engineering Practice	1474
English	1475
Entrance Requirements	1410

	Page
Essays	1443
Examinations	1417
Fees	1416
Field Schools	1442
First Year	1420
Geography	1467
Geological Sciences	1476
German	1467
Health Service	1417
History	1467
Junior Matriculation	1411
Loan Funds	1416
Mathematics	1478
Mechanical Engineering:	
Course in	1433
Subjects of	1481
Medical Examination	1417
Metallurgical Engineering:	
Course in	1434
Subjects of	1488
Mining Engineering:	
Course in	1437
Subjects of	1491
Music	1467
Physics	1494
Registration	1414
Romance Languages	1468
Scholarships	1416
Senior Matriculation	1411
Societies	1418
Standing and Promotion	1501
Summer Essays	1443
Summer Schools	1442
Summer Work	1443
Years, Designation of	1408
Zoology	1469

Faculty of Engineering

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

Robert E. Jamieson, O.B.E., M.Sc. — *Dean of the Faculty of Engineering*

John Bland, B.Arch., A.M.T.P.I.(Lond.), M.R.A.I.C., A.R.I.B.A. — *Director of the School of Architecture*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. — *Bursar*

T. H. Matthews, M.A., LL.D. — *Registrar*

Richard Pennington, B.A., Lib.Dip. — *University Librarian*

E. Clifford Knowles, B.D., M.A. — *University Chaplain and Student Counsellor*

R. G. Defries, Ing. E.T.P. — *Superintendent of Buildings and Grounds*

G. A. Grimson, B.Com. — *Chief Accountant*

R. A. Chipman, Ph.D. — *Secretary of the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Engineering, is printed as a separate announcement which may be obtained from the Registrar's Office.

STANDING COMMITTEES OF THE FACULTY

ADMISSIONS

Professor Chipman (*Chairman*), the Registrar, and Professor Solin

ADMISSION TO ADVANCED STANDING FROM OTHER UNIVERSITIES

Professors G. A. Wallace (*Chairman*), Bland, and Phillips

ADVISORY COMMITTEE ON THE SCHOOL OF ARCHITECTURE

Professor John Bland (*Chairman*), Messrs. E. I. Barott,
H. L. Fetherstonhaugh, J. C. McDougall,
R. A. Montgomery, and J. J. Perrault

CURRICULUM

Dean Jamieson (*Chairman*), Professors Bland, MacEwan,
Morrison, Phillips, Robb, and G. A. Wallace;
Craig (*Secretary*)

EMPLOYMENT

Professor Morrison (*Chairman*) and Mr. Pavlasek

ENGINEERING PHYSICS

Professors G. A. Wallace (*Chairman*), Chipman, Tate,
P. R. Wallace, and Watson

INVIGILATION

Professors Schippel (*Chief Invigilator*) and White

LIBRARY

Professors Chipman (*Chairman*), de Stein, Howes, and Mordell

REGISTRATION, STANDING, AND PROMOTION

Professors Craig (*Chairman*), Bland, Bruce, de Stein, Hatcher,
MacEwan, Morrison, Neilson, Phillips, Rosenthall,
G. A. Wallace, and Mr. Pavlasek

SCHOLARSHIPS, BURSARIES, AND LOANS

Professors MacEwan (*Chairman*), Bland, de Stein, Marshall, Mordell, Morrison, Phillips, Rosenthall, G. A. Wallace, and Yates

SUMMER ESSAY PRIZES—THIRD YEAR

Professors Mordell (*Chairman*), Gauvin, Mennie, and Schippel

SUMMER ESSAY PRIZES—FOURTH AND FIFTH YEARS

Professors Neilson (*Chairman*), Chipman, Edis, Morrison, and Phillips

TIME TABLE

Professors Joly (*Chairman*), Bland, and Godard

Faculty of Engineering

The purpose of the courses of instruction offered by the Faculty of Engineering is to provide training in science and its application to the practice of engineering in its various fields. The School of Architecture is a part of the Faculty of Engineering.

Commencing with the session 1949-50 the training in engineering was changed from one pre-engineering year in the Faculty of Arts and Science and four years in the Faculty of Engineering to five years in the Faculty of Engineering. During the transition period the various years of study in the Faculty of Engineering are identified as follows.

Designation of Years for students who *were* registered in Engineering prior to August, 1949.	Designation of Years for students who *were not* registered in Engineering prior to August, 1949.
[B.Sc. 1 (pre-Engineering)]	First year
First year 1A	Second year
Second year 2A	Third year
Third year 3A	Fourth year
Fourth year 4A	Fifth year

For the School of Architecture the above will apply with the additions of the final years as Fifth year 5A and Sixth year respectively.

COURSES AND DEGREES

ENGINEERING

DEGREES OFFERED: Bachelor of Engineering (B.Eng.), in the departments of Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mining Engineering, and in Engineering Physics, mention being made in the diplomas of the particular course of study pursued.

Students who take the Bachelor of Engineering degree in one course may graduate in another course by attending one or more subsequent sessions and passing the prescribed additional examinations.

PERIOD OF STUDY: Five years.

ENTRANCE QUALIFICATIONS: First year, Junior Matriculation; Second year, Junior and Senior Matriculation with sufficiently high standing. (See pages 1411 and 1412.) The entrance requirements for students of United States schools and for students from Great Britain are stated on pages 1412 and 1413. Students who meet the above requirements apply to the Registrar's Office for admission.

ARCHITECTURE

DEGREE OFFERED: Bachelor of Architecture (B.Arch.).

PERIOD OF STUDY: Six years.

ENTRANCE QUALIFICATIONS: The entrance requirements in Architecture are the same as those for the Engineering courses (see above). The length of the course is six years, the First and Second years being identical with the First and Second years in the Faculty of Engineering.

PRIVILEGES OF THE HOLDERS OF THESE DEGREES

Among the privileges enjoyed by graduates of the Faculty of Engineering the following may be specially mentioned:

(1) By a resolution of the Institution of Civil Engineers of Great Britain, the holders of the degree of B.Eng., who are desirous of becoming Associate Members of the Institution, may be exempted from Parts A and B of the examinations prescribed for admission to the Institution.

(2) By the Dominion Lands Surveys Act, any graduate in civil or mining engineering may have his term of apprenticeship for the Dominion Land Surveyor's certificate shortened from three years to one.

(3) Holders of the degree of B.Eng. are admitted to practice in Quebec, upon graduation, provided they register with the Corporation of Professional Engineers of Quebec upon entering the Faculty. Students entering the Faculty should therefore obtain the necessary application forms from the Dean's Office, complete them and return them to that office.

(4) The School of Architecture is recognized by the Royal Institute of British Architects and the instruction given meets the requirements of the Board of Architectural Education of that body. Students who obtain the degree of B. Arch. are exempted from the final examination for the associateship of the Royal Institute except in the subject of professional

practice, in which they are required to take a paper set by the Institute's examiners. On passing this they are eligible for candidature as "Associate R.I.B.A."

(5) The Province of Quebec Association of Architects admits holders of the degree of B.Arch. to membership, and thereby to practice in the Province, on passing an examination in professional practice and after spending one year in the office of a member of the Association.

GENERAL

The undergraduate work of the University in Architecture and in the following fields of Engineering: Chemical, Civil, Electrical, Mechanical, Metallurgical, Mining and Engineering Physics, is done in the Faculty of Engineering.

AGE OF ADMISSION

Except in special circumstances, no student under the age of sixteen is admitted to the first year, or under the age of seventeen to the second year.

MEN AND WOMEN

Both men and women are admitted to the Faculty of Engineering.

THE TWO TERMS

The regular session is divided into two terms, the first starting about the 1st of October and the second starting about the 12th of January (For Calendar, see the General Information Pamphlet). For students entering the first year however, the first term begins a week earlier. Students commencing a year in the Faculty are normally permitted to enter only in the first term.

ENTRANCE REQUIREMENTS

Eligibility to enter the University through Junior or Senior Matriculation is determined fundamentally by reference to the standards maintained by the McGill School Certificate Examinations. These examinations are described in the School Certificate Examinations Announcement, but the names of the required papers are given below. The pass mark is in all cases 50%. Certain other public examinations also recognized for admission to the University are listed on pages 1411 and 1412. A student with incomplete qualifications cannot be admitted as a regular undergraduate.

ENTRANCE THROUGH McGILL SCHOOL CERTIFICATE EXAMINATIONS—

ENTRANCE TO THE FIRST YEAR —Junior Matriculation

For admission to the first year of the B.Eng. courses a candidate must pass the following papers in the University's Junior School Certificate Examination and obtain at least 60% in every paper written in Mathematics, Physics and Chemistry or in subjects taken in lieu of the latter two.

No. of Papers	Subject
2	English
1	*History (General *or* British)
2	French *or* German (both papers)
1	Elementary Algebra
1	Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen), *or* any two of the following papers not already chosen. (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology and Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) Canadian History, *or* British History*** (h) Music *or* Drawing (Music and Drawing may not both be chosen) (i) North American Literature.

ENTRANCE TO THE SECOND YEAR —Senior Matriculation

English
Mathematics (Algebra, Trigonometry, *and* Co-ordinate Geometry)
Physics
Chemistry
French *or* German** or Spanish *or* Greek *or* Latin *or* Biology *or* Geography *or* History.

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*For the 1953-54 session only. Beginning with the 1954-55 session, General History will be required.

**A candidate who has passed the two papers in Junior School Certificate French may obtain Engineering Senior Matriculation standing in German by passing the Junior School Certificate examinations in this subject.

***1954-55 session.

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, under certain circumstances, Junior or Senior Matriculation standing for admission to the Faculty of Engineering and to other faculties and schools.

The Admissions Committees of the various faculties require generally that:

(1) The certificate has been obtained under no easier conditions that those of McGill Matriculation.

(2) The subjects of the examination and the school course followed are those the University requires.

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without first having obtained an official acceptance of their application.

The following gives a brief outline of the certificates and examinations which will be considered on their merits towards meeting the University entrance requirements. For complete details see the School Certificate Examinations Announcement.

I. For admission to the first year of the B.Eng. and B.Arch. courses.

CANADA

The recognized Junior Matriculation or equivalent examinations of the various provinces.

GREAT BRITAIN

In the General Certificate of Education, passes in five subjects, including Mathematics and at least one Science, will be the minimum standard for admission. A pass in Religious Knowledge cannot be counted among the five.

UNITED STATES

The tests of the College Entrance Examination Board.

All candidates from the United States must write these tests, preferably at the January or the March session. The Scholastic Aptitude tests and three afternoon tests, chosen with the advice of the applicant's

school principal from Intermediate Mathematics, Advanced Mathematics, Physics, Chemistry, and Pre-Engineering Science Comprehension, should be taken. Further particulars may be obtained from the Registrar's Office.

MISCELLANEOUS

Other certificates such as those issued by universities or public examining boards will be judged on their merits and accepted if they meet all the University requirements.

II. For admission to the second year of the B.Eng. and B.Arch. courses.

Students from B.Sc. 1 who have completed the required courses of First year Engineering will be considered for admission to Second year Engineering. Applications for admission are to be made to the Registrar's Office.

CANADA

The recognized Junior and Senior Matriculation or equivalent examinations of the various provinces.

GREAT BRITAIN

In the General Certificate of Education, passes in six subjects, including three appropriate subjects at Advanced level. Religious Knowledge cannot be counted in the six papers.

UNITED STATES

Completion of one year in an approved college with a suitable syllabus and good grades.

APPLICATION FOR ADMISSION

Students are normally permitted to enter at the beginning of the first term only.

Students desiring to enter the Faculty of Engineering must make application on forms which may be obtained from the Registrar's Office. Completed forms must reach the Registrar before August 31st.

It is advantageous for candidates to make preliminary application on the proper forms as early in the year as possible, supplementing this later with the required certificates, transcripts, etc., as these become available.

Applicants should note that clear photo-copies of original documents are acceptable if submitted in duplicate. Sending such copies avoids the risk of losing the originals in the mail.

Students whose native language is not English must satisfy the Registrar that their command of written and spoken English is fluent.

The number of students admitted is limited, and the Faculty is not bound to accept all applicants who have passed the required examinations.

ADMISSION TO ADVANCED STANDING

Students of other colleges or universities who desire to enter any year in this Faculty other than the first or second, should apply in writing to the Dean of the Faculty not later than July 31st preceding the session it is desired to enter. Such application should state the course the student wishes to enter, and must be supported by an official transcript of the applicant's record at the institution he is leaving, which transcript should be sent directly from the registrar of such institution to the Dean of this Faculty.

To obtain a Bachelor's degree a student must spend at least two years in the Faculty of Engineering.

Graduates of other faculties of McGill University desiring to proceed to the degree of B.Arch., or B.Eng. should consult the Dean of this Faculty for information regarding the regulations governing such procedure.

REGISTRATION, ATTENDANCE, AND DISCIPLINE

REGISTRATION

All students entering the First year of the Faculty of Engineering must register in the Macdonald Engineering Building on Monday, September 21st, 1953.

All students entering upper years of the Faculty of Engineering must register in the Macdonald Engineering Building on Monday, September 28th, 1953.

Students registering after September 29th, but not later than October 6th are required to pay a late registration fee of $5, which fee is increased to $10 for students registering after October 6th. This fee is not refunded except by authorization of Faculty. After October 15th, no student will be admitted except by special permission of Faculty.

ATTENDANCE—FIRST YEAR

1. Students of the First year are required to attend at least seven-eighths of the total number of lectures or laboratory periods in each course. Those whose unexcused absences exceed one-eighth of the total number of lectures in a course are not permitted to sit for the regular examination in that course, and those whose unexcused absences have exceeded one-fourth must repeat the work in that course.

No student in any year will be permitted to sit for the examinations unless he has fulfilled the requirements of the course to the satisfaction of the Instructor and of the Dean.

Excuses for absences in excess of one-eighth are dealt with only by the Dean and are not entertained except in cases of serious illness (which must be vouched for by a proper medical certificate), domestic affliction, and such other cases as are provided for by special regulations of the Faculty. Medical certificates covering absences must be presented at the Dean's office by the student immediately after his return to University work. Such certificates are filed, and, if they are accepted, the Dean gives the student a statement excusing the absences covered; this must be shown to all professors concerned as promptly as possible.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean of the Faculty.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture students are not allowed to enter, except with the permission of the professor. If permitted to enter, they report themselves at the close of the lecture and are marked "late". Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of the lecture are marked absent.

ATTENDANCE — UPPER YEARS

Students should realize that regular attendance at all scheduled exercises is in their best interests and should make every effort to attend regularly. To allow as much freedom as is consistent with efficient teaching, the following regulations apply:

1. Attendance is not compulsory except in the First year.

2. For other years an instructor may keep records of attendance at laboratory exercises and the like, if he so desires, and is authorized to deal with cases of unsatisfactory attendance at such exercises.

3. Students who expect to be absent for three or more teaching days, for reasons other than illness or athletic events, shall give notice at the Dean's Office of the laboratory and draughting room exercises to be missed, with the names of the instructors concerned.

4. Students shall report, or have someone report for them, to the Dean's Office immediately upon the onset of an illness, no matter how trivial, which will occasion absence. Telephone notification is satisfactory.

5. Students who have been absent for any reason for three or more teaching days shall report to the Dean's Office immediately upon their return to classes.

6. Lectures begin at five minutes after the hour and end at five minutes before the hour. After the beginning of a lecture students are not admitted, except by permission of the lecturer.

7. Abuse of these regulations will be dealt with as a matter of discipline by the Dean of the Faculty.

DISCIPLINE

The University regulations concerning discipline are administered by the several Faculties, subject, when necessary, to revision or confirmation by Senate.

FEES

Regular fees and special fees are given in the General Information pamphlet enclosed with this Announcement.

SPECIAL FEES IN ENGINEERING

SUMMER SCHOOLS — Students who are eligible to attend summer schools in May or September as part of their regular course pay $10 as a caution money deposit. Students taking summer schools as extra courses will pay $35, plus a caution money deposit of $10. Students in Mining Engineering pay an additional fee of $50 for the Mining Field School.

DATES FOR PAYMENT

Fees are due and payable at the Chief Accountant's Office between the hours of 9 a.m. and 4 p.m. (Saturday 9 a.m. to 11 a.m.) from Monday, September 21st to Friday, October 2nd, inclusive.

If desired, fees may be remitted by mail before the above dates, with Fee Coupon attached. The second instalment of tuition fees is due and payable on January 15th. An additional $2 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Immediately after the prescribed dates for the payment of fees, the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or satisfactory attangements are made with the Chief Accountant.

SCHOLARSHIPS, BURSARIES, PRIZES, MEDALS, AND LOAN FUNDS

Details of scholarships, bursaries, and loan funds will be found in the Scholarships, Bursaries, and Loan Funds Announcement which may be obtained from the Registrar's Office.

HEALTH SERVICE

Information concerning the University Health Service will be found in the General Information pamphlet enclosed with this announcement.

Those engaged in certain branches of mining and metallurgical work are subject by provincial authorities and mining companies to regulations regarding physical fitness, with particular reference to chest conditions and sight. Students registering for courses in Mining or Metallurgical Engineering are therefore required to undergo a special medical examination to determine their fitness. Convenient arrangements are made through the University Medical Officer for such examinations. While assisting students to determine their degree of fitness, the University assumes no responsibility for decisions made by those administering the regulations referred to above.

EXAMINATIONS

See also Regulations concerning Standing and Promotion, page 1501.

1. Final examinations are normally held in all lecture subjects. Class examinations for which credit is given in sessional standing are held at the option of the instructor or at the request of the Faculty.

2. Students who have failed in one or more subjects of the curriculum, except in cases where they are not permitted to register in a subsequent session or as noted in Paragraph 3, are required to make good their standing prior to their registration by writing:

(a) The regular supplemental examinations held immediately before the opening of the session, *or*

(b) The final examinations in a subsequent session.

3. Students who have failed at the completion of a session in subjects totalling not more than 150 marks, may, if given permission by Faculty, register in a subsequent session as conditioned students (see paragraph 2, page 1500).

4. The pass standard in examinations in which the candidate has already failed twice is 60 per cent. A conditioned student, unless excused by Faculty, who does not present himself for a sessional or supplemental examination before applying for registration, will be regarded as having failed in that examination and will be required to make 60 per cent at his next attempt.

5. Special supplemental examinations are not held. Deferred supplemental examinations are given only under exceptional circumstances and by authority of Faculty.

6. Failures in laboratory subjects may under certain conditions be made good by attending special classes during the late afternoons of the first

two months of the following session. No student is permitted to attend these schools unless he has made at least 30 per cent in the subject of the school. These classes must be completed and the results reported to Faculty on or before December 1st. A summer school in mechanical drawing for students who are deficient or conditioned in Courses 521, 540, 541 or 565 will be held during September. The fee for this school is $20.

7. Classes of academic standing:

Class I.....80-100 per cent
Class II.....65-79 per cent
Class III.....50-64 per cent

WITHDRAWALS FOR LOW STANDING

Any undergraduate student of the first three years who at the end of the first term has failed to obtain an average of 33 per cent of the weighted value of the examinations regularly scheduled in November and January on the work of that term, may be required to withdraw from the Faculty.

SOCIETIES

1. Upon entrance into the Faculty, all undergraduate students automatically become members of the Engineering Undergraduates Society.

2. The students also support the Society of the Phi Epsilon Alpha. The members of this society are selected from graduates and undergraduates in engineering, and its object is to encourage high standards of character and scholarship.

3. Students in all departments of engineering are strongly recommended to become student members of the Engineering Institute of Canada, for which a fee of $3 is required. They are then entitled to the Journal of the Institute, to the use of the Institute's building, 2050 Mansfield Street, Montreal 2, and to attend the weekly meetings. Students are invited to compete for the prizes which are offered by the Institute.

4. Students in Mining Engineering and in Metallurgical Engineering are strongly recommended to become members of the McGill Mining and Metallurgical Society, which, although a student body, is affiliated with the Canadian Institute of Mining and Metallurgy, the headquarters of which are in the Drummond Building, 1117 St. Catherine St., Montreal 2. Members of this Society receive the Monthly Bulletin of the Transactions of the Institute free, and are entitled to attend meetings and to compete for prizes offered.

5. Students in Architecture are recommended to become student members of the Province of Quebec Association of Architects, for which a fee of $1.00 is required. They are then entitled to use the library of the Association, 620 Cathcart Street, Montreal 2.

Courses of Instruction

Instruction in this Faculty is designed to afford thorough training of a practical as well as theoretical nature in the following branches:

I—Architecture
II—Chemical Engineering
III—Civil Engineering
IV—Electrical Engineering
V—Mechanical Engineering
VI—Metallurgical Engineering
VII—Mining Engineering
VIII—Engineering Physics

A note concerning graduate courses follows the list of undergraduate courses in each department. Details are given in the Announcement of the Faculty of Graduate Studies and Research.

CURRICULUM

The curriculum as laid down in the following pages may be changed from time to time, as deemed advisable by Faculty, and is in no case binding beyond the session covered by this Announcement.

The course for a degree in any branch of Engineering is one of five years, and for a degree in Architecture the course is a six-year one.

The degree in Engineering will not be conferred upon any candidate until he has passed the prescribed examinations of his course, and has submitted satisfactory evidence to Faculty of having had a minimum of six months of experience in practical engineering work. Similar regulations apply to the degree in Architecture. The conditions regarding practical work in the School of Architecture are set forth under the heading of Summer Work, on page 1444. Forms, obtainable from the Dean's Office, must be signed by the employer and returned on or before 12 o'clock noon, October 17th, 1953.

The first three years of the Engineering courses are devoted largely to Mathematics, Mechanics, Physics, Chemistry, and Drawing, as it is necessary that students in these courses should master the general principles underlying scientific work before commencing professional subjects.

In certain courses, students are required to attend summer schools, following the completion of the work of the session in the Second, Third and Fourth years: for details, see page 1442.

Students who are admitted to the First year with very high standing in Junior Matriculation may register for an extra course, if written permission has been obtained from the Dean prior to the day of registration.

ENGINEERING COURSES

The following schedules set out the various courses as it is expected they will be given during the session to which this Announcement applies, but the Faculty of Engineering reserves its right to alter them if it deems desirable. Notice of such alteration is posted for the information of students.

The subjects of instruction in the First year of the engineering courses, and the number of hours per week devoted to each, are as follows:

FIRST YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
REGULAR COURSES					
Mechanical Drawing	511	..	..	3	3
English	1440 (100)*	4	4	..	..
Mathematics	1200 (111)	3	3	..	..
Engineering Problems	1202	..	..	2	2
Physics	1311 (11)	3	3	2	2
Chemistry	902 (11)	3	3	3	3
Elective to be chosen by student from list below					
Total hours		17	17	10	10

*Figures in parentheses give subjects as numbered by Faculty of Arts and Science

Students entering First year Engineering who have passed their Junior Matriculation examinations with a very high standing and who wish to register for one additional subject must make application to do so, in writing, to the Dean's Office prior to Registration Day. They will be advised before the day of registration as to whether permission is granted or not.

ELECTIVE COURSES

Zoology 1410 and Botany 1401
Economics 1430
French 1490, 1491, *or* 1492
Geography 1000
German 1450
Greek 1420 *or* 1421
History 1460, 1462, *or* 1463

Latin 1425, 1426, or 1427
Music 1480
Spanish 1495

Descriptions of these elective courses are given on pages 1465 to 1469.

SECOND YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	322	2	2	..	..
Surveying	324	..	2	..	..
Summer School	352	..	..	..	..
Mechanical Drawing	521	..	..	3	3
Descriptive Geometry	522	1	1	2	2
El. Physical Chemistry and Laboratory	922	2	2	1	1
Algebra	1220	2	..	..	..
Analytic Geometry	1222	2	2	..	..
Calculus	1224	3	3	..	..
Mensuration and Spherical Trigonometry	1226	..	2	..	..
Physics and Laboratory	1320	3	..	2	..
Physics and Laboratory	1322	..	3	..	2
History of Science	1510	1	..	..	..
Total hours		16	17	8	8

A special summer school in Mechanical Drawing of two weeks duration will be made available for such students as enter second year with senior matriculation and with a deficiency in Mechanical Drawing 511.

The subjects of instruction in the Second year for students who intend to enter the regular Civil Engineering or the Mechanical Engineering course, and the number of hours per week devoted to each, are as follows:

THIRD YEAR

Civil and Mechanical Engineering

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mapping	344	..	..	6	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Mechanical Drawing	541	..	..	3	3
Mechanics of Machines	542	..	1	..	3
Summer Essay	830	..	..	..	..
General Geology	1122	2	2	2†	2
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1520	1	1	..	..
Total hours		12	11	16	13

*Counted as part of Third year curriculum, but taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1442).

†During the first few weeks the laboratory work is replaced by field excursions.

See Regulations governing "Promotion," pages 1501 to 1505.

I. ARCHITECTURE

The course for the degree of Bachelor of Architecture extends over six years and aims to provide a basic training in the building arts and sciences with particular reference to planning and structural design. The First year is the regular First year of the Faculty of Engineering. The Second year is the regular Second year of the Faculty of Engineering with an alternative in drawing. During the Third, Fourth, Fifth, and Sixth years the subjects of Building Construction, Architectural, Structural, and Mechanical Design, Acoustics, History of Western Art and Architecture, Economics, and Community Planning are taken. Courses in Social Observation and the Electrical Services of Buildings are given to the combined Fourth and Fifth years in alternate years. The work of the Sixth year is largerly architectural design and professional practice.

FIRST YEAR

As in engineering courses (see page 1420).

SECOND YEAR

As in engineering courses (see page 1421) with special summer work for students entering the Third year. Students may take Architectural Drawing and Elements of Design 115 (see page 1447) in place of Mechanical Drawing 521 and Descriptive Geometry 522.

Architecture

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Architectural Report	130	..	..	..	..
Building Construction	131	1	1	6	12
Elements of Design	132	..	..	3	3
Freehand Drawing	133	..	..	3	3
History of Architecture	134	3	3	..	..
History of Art	135	1	1	..	..
Materials of Engineering	342	1	1	..	..
Mapping	344	..	..	6	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Summer Essay	830	..	..	..	..
Calculus	1242	2	2	..	..
Total hours		12	10	20	20

*Counted as part of Third year curriculum, but taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1442).

See Regulations governing promotion, pages 1501 to 1505.

Architecture

FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Aesthetics and Theory of Design	145	1	1	..	..
Architectural Report	146	..	..	..	..
Building Construction	147	2	2	..	..
Design A	148	..	..	15	6
Freehand Drawing	150	..	..	3	3
History of Architecture	151	2	2	..	..
*Social Observation	152	1	1	..	..
Elements of Structural Design	360	..	2	..	2
Foundations	362	1	1	..	3
Strength of Materials	373	2	2	..	3
*Electrical Services	490	..	2	..	..
Summer Essay	840	..	..	..	..
Total hours		8 or 9	12 or 11	18	17

*Given to combined Fourth and Fifth years in alternate years. Course 152 will be given in session 1953-54.

Architecture

FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
*Social Observation	152	1	1	..	..
Architectural Report	160	..	..	..	..
Design B	161	1	1	15	15
Design Workshop	162	..	..	3	3
†History of Architecture	163	2	2	..	..
Planning	164	2	2	..	..
Sketching School	165	..	..	..	..
Strength of Materials	390	1	..	3	..
*Electrical Services	490	..	2	..	..
Mechanical Engineering	567	2	..	..	..
Heating and Ventilation	583	1	1	..	3
Summer Essay	850	..	..	..	..
Acoustics of Buildings	1380	1	..	..	2
Engineering Practice I	1531	..	2	..	..
Total hours		10 or 11	10 or 9	21	23

*Given to combined Fourth and Fifth years in alternate years. Course 152 will be given in 1953-54.

†Given to combined Fifth and Sixth years in alternate years. Will not be given in 1953-54.

Architecture

SIXTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Sketching School	166	..	..	..	..
Architectural Report	175	..	..	..	..
Design C	176	..	..	21	24
Design Seminar	177	..	..	2	..
Design Workshop	178	..	..	3	..
†History of Architecture	179	2	2	..	..
Professional Practice	180	1	1	..	..
Specifications	181	1	1	..	..
Summer Essay	860	..	..	..	..
Engineering Practice II	1541	2	..	..	..
Total hours		6	4	26	24

†Given to combined Fifth and Sixth years in alternate years. Course 179 will be given in 1953-54.

II. CHEMICAL ENGINEERING

The aim of this course is to provide a broad fundamental training, which, when supplemented by practical experience, will make the engineer competent to design and operate industrial plants and to understand the processes.

Part of the time in the Second year is devoted to Chemistry in addition to general engineering subjects. In the Third year, time is divided between Chemistry and Engineering, and Chemical Engineering topics are introduced. The Fourth year is devoted mostly to Chemistry and Chemical Engineering, including a course in unit operations.

Students must attend a summer school in Elementary Quantitive Analysis at the end of the Third year, and one in Chemical Engineering at the end of the Fourth year.

FIRST AND SECOND YEARS

As in other Engineering courses (see page 1420), except that students do not take the Summer School in Surveying Field Work 352.

Chemical Engineering

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Chemical Engineering Problems	240	1	1	2	2
Materials of Engineering	342	1	1	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Summer Essay	830	..	..	..	..
Inorganic Qualitative Analysis	942	1	1	3	3
Inorganic Quantitative Analysis	944	1	1	6	6
Organic Chemistry	948	2	2	..	..
Organic Chemistry Laboratory	950	..	..	3	3
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1520	1	1	..	..
Total hours		13	13	19	19

See Regulations governing promotion, page 1501.

Chemical Engineering
FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Chemical Technology	260	2	2	..	..
Elementary Chemical Engineering	264	2	2	..	..
Thermodynamics	268	2	2	..	..
‡Summer School	270	..	..	..	..
Strength of Materials	373	2	2	..	3
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Metallurgy of Iron and Steel	666	1	1	..	..
Summer Essay	840	..	..	..	..
Advanced Organic Chemistry	962	2	2	6	6
High Polymers (extra)	966	1	1	..	..
Intermediate Physical Chemistry Laboratory	968	..	..	3	3
Physical Chemistry	972	1	1	..	..
*Mineralogy	1142	2	2	3	..
*Differential Equations	1260	2	2	..	..
Engineering Reports	1530	1	1	..	..
Engineering Practice I	1531	..	2	..	..
Total hours		17 to 18	19 to 20	12 to 15	15

*Alternates.
†Taken in four weeks following the close of Third year.
‡Taken in four weeks following the close of the Fourth year.

Chemical Engineering
FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Chemical Engineering A	280	3	3	..	..
Chemical Engineering B	282	3	3	..	..
Chemical Engineering Design	284	..	2	..	..
Chemical Engineering Laboratory	286	..	..	6	6
Thermodynamics	288	2	2	..	..
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
*Industrial Administration (extra)	584	..	1	..	..
*Industrial Relations (extra)	586	2	..	..	..
Summer Essay	850	..	..	..	..
Advanced Physical Chemistry	982	2	1	..	..
Advanced Physical Chemistry Laboratory	984	..	..	3	3
Colloid Chemistry	986	1	1	..	..
Electrochemistry	988	1	1	..	..
Engineering Practice II	1541	2	..	..	..
Engineering Law	1470	2	..	..	..
Total hours		18 to 20	15 to 16	12	12

*May not be available in 1953-54.

III. CIVIL ENGINEERING

REGULAR COURSE

The regular course of study is designed to emphasize the fundamental principles of mechanics, strength of materials, design of structures, and hydraulics, at the same time affording an opportunity of applying these principles to practical problems ranging widely over the field of civil engineering. A sound foundation is laid for future specialization. The outlook of the student is broadened by courses in Mechanical, in Metallurgical, and in Electrical Engineering. In the designing courses special attention is given to the interpretation and critical discussion of specifications and to the economic factors involved.

FIRST, SECOND AND THIRD YEARS

As in other Engineering courses (see pages 1420 to 1422), with additional Summer School for students entering Third year (see page 1442).

Civil Engineering (Regular Course)
FOURTH YEAR

	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Structural Design	360	..	2	..	2
Foundations	362	1	1	..	3
Hydraulics	364	2	..	3	..
Map Projections (extra)	368	1	..	2	..
Mechanics	370	2	..	..	..
Railway and Highway Engineering	371	2	1	6	3
Strength of Materials	373	2	2	..	3
Surveying	376	2	2	..	..
*Summer School	377	..	..	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Engineering Reports	1530	1	1	..	..
Engineering Practice I	1531	..	2	..	..
Total hours		15 or 16	13	14 or 16	14

*Taken in four weeks following the Third year.

Civil Engineering (Regular Course)
FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
†Summer School	394	..	..	..	..
Bridge Design	380	2	2	6	6
*Foundations and Reinforced Concrete	382	..	2	..	3
*Geodesy	384	..	2	..	..
*Geodetic Laboratory	385	..	..	..	3
Hydraulic Machines	386	..	2	..	..
Municipal Engineering	387	4	..	3	..
*Photogrammetry	388	..	2	..	3
Strength of Materials	389	1	2	3	..
Theory of Structures	392	1	2	3	6
Waste Disposal	393	1	..	..	..
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
Industrial Administration (extra)	584	..	1	..	..
Industrial Relations (extra)	586	2	..	..	..
Summer Essay	850	..	..	..	..
Engineering Practice II	1541	2	..	..	..
Engineering Law	1470	2	..	..	..
Total hours		15 or 17	12 or 13	18	18

†Taken in four weeks following Fourth year.
*Alternates; Course 382 *or* Courses 384 and 385 *or* Course 388, to be taken.

APPLIED MECHANICS OPTION

The courses of study in the applied mechanics option are designed to give rather more emphasis to the field of applied mechanics than is given in the regular civil engineering course. A broad mathematical foundation is provided, permitting a more intensive treatment of technical phases of applied mechanics, including fluid mechanics and vibrations. The work of the regular course in Railway and Highway Engineering, Geodesy, and Municipal Engineering is omitted, but all the basic engineering of the regular course is retained. The training is designed for those students who wish to fit themselves for positions in the field of advanced structural design, and for graduate and research work in this and allied fields.

A student electing this option may revert to the regular civil engineering course at the end of his Third year without making up the regular work missed, provided his standing in all other respects is satisfactory. Reversion at the end of the Fourth year involves making up certain of the work missed. Students who make only low pass standing will be required to revert.

Registration for this option is restricted to students whose general background, and whose standing attained in the Second year, particularly in mathematics, indicate that they can profit by it. Students intending to register for this option should consult with the Chairman of the Department and obtain his approval of such registration prior to September 15th.

Civil Engineering (Applied Mechanics Option)

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mapping	346	..	..	3	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Summer Essay	830	..	..	..	..
General Geology	1122	2	2	2†	2
Advanced Calculus	1240	3	3	..	..
Vector Methods and Nomography	1246	1	1	..	..
Differential Equations	1260	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1520	1	1	..	..
Total hours		16	14	10	7

*Counted as part of Third year curriculum, but taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1442).

†During the first few weeks the laboratory work is replaced by field excursions.

Civil Engineering (Applied Mechanics Option)

FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
*Thermodynamics	268	2	2	..	..
Elements of Structural Design	360	..	2	..	2
*Foundations	362	1	1	..	3
Hydraulics	364	2	..	3	..
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
*Fluid Mechanics	383	..	3	..	..
*Dynamics and Vibrations	381	..	3	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Theory of Functions	1264	1	1	1	1
Engineering Reports	1530	1	1	..	..
Engineering Practice I	1531	..	2	..	..
Total hours		13 or 14	15 or 16	9	12

*Alternates.

*Given to combined Fourth and Fifth years in alternate years. Course 381 will be given in 1953-54.

Civil Engineering (Applied Mechanics Option)

FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Bridge Design	380A	2	2	6	3
*Dynamics and Vibrations	381	..	3	..	..
*Fluid Mechanics	383	..	3	..	..
Hydraulic Machines	386	..	2	..	..
Strength of Materials	389	1	2	3	..
Theory of Structures	392	1	2	3	6
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
Summer Essay	850	..	..	..	..
Engineering Practice II	1541	2	..	..	..
Engineering Law	1470	2	..	..	..
Total hours		10	13	15	12

*Given to combined Fourth and Fifth years in alternate years. Course 381 will be given in 1953-54.

IV. ELECTRICAL ENGINEERING

The first three years of the Electrical Engineering Course provide the student with a broad training in the fundamentals that are common to all branches of engineering. In the Fourth year there is a marked increase in the engineering content, with special emphasis on Electrical Engineering. The training is still broad however, and approximately half the time is devoted to non-electrical subjects.

The final year is devoted almost entirely to electrical studies in the two main fields of Power Engineering and Communication Engineering.

Courses in the power engineering field cover the generation, transmission, and distribution of electric power; direct and alternating current phenomena; electrical machinery; electric lighting; electrical measurement; and industrial electronics.

Courses in communication engineering cover the theory and applications of electron tubes, transmission theory, radio engineering, radio design and applied acoustics. These are supplemented by laboratory work in audio- and radio-frequency measurements, and by the testing of communication apparatus.

When a student enters the Fifth year he chooses between the Power Option and the Communications Option. Eight subjects of the Fifth year are common to both options. The remaining subjects are taken only in one option, and this option is indicated on the schedule by means of a "P" or a "C" following the number of hours assigned.

FIRST AND SECOND YEARS

As in other Engineering courses (see pages 1420 and 1421).

Electrical Engineering

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mapping	344	..	..	6	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Electrical Engineering	440	..	2	..	3
Mechanical Drawing	541	..	..	3	3
Mechanics of Machines	542	..	1	..	3
Summer Essay	830	..	..	..	..
General Geology	1122	2	2	2†	2
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1520	1	1	..	..
Total hours		12	13	16	16

*Counted as part of Third year curriculum, but taken in four weeks following close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1442).

†During the first few weeks the laboratory work is replaced by field excursions.

Electrical Engineering
FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
Electrical Engineering	460	4	3	..	..
Electrical Engineering Laboratory	462	..	..	12	9
Electron Tubes and Circuits	466	2	2	..	3
Machine Design	562	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Thermodynamics	570	2	2	..	..
Summer Essay	840	..	..	..	..
Differential Equations	1260	2	2	..	..
Engineering Practice I	1531	..	2	..	..
Total hours		16	15	15	18

Electrical Engineering
FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Hydraulics	364	2P	..	3P	..
Communication Engineering (Wire)	480	2	..	..	..
Industrial Electrical Engineering	481	2	..	..	..
Electrical Design	482	1P	1P	3P	3P
Electrical Design	483	1C	..	3C	..
Electrical Engineering	484	4P	4P	..	..
Electrical Engineering	484C	4C	2C	..	..
Electrical Engineering Laboratory	486	..	..	9P	12P
Electrical Engineering Laboratory	488	..	..	6C	6C
Electrical Measurements and Laboratory	489	2	..	3P	3C
Industrial Electronics	491	..	2	..	..
Power Control and Protection	492	..	3P	..	..
Radio Design	493	1C	..	3C	..
Radio Engineering	494	2C	2C	..	..
Radio Engineering Laboratory	495	..	..	6C	6C
Radio-frequency Transmission Lines	496	..	2C	..	..
Applied Acoustics	497	..	2C	..	..
*Industrial Administration (extra)	584	..	1	..	..
*Industrial Relations (extra)	586	2	..	..	..
Summer Essay	850	..	..	..	..
Principles of Atomic Structure	1394	..	2C	..	..
Engineering Practice II	1541	2	..	..	..
Engineering Law	1470	2	..	..	..
Power option students will also take one of the following:					
Hydraulic Machines	386	..	2P	..	..
Radio-frequency Transmission Lines	496	..	2P	..	..
Principles of Atomic Structure	1394	..	2P	..	..
Total hours	P	17	14	18	15
	C	18	12	18	15

*May not be available in 1953-54. P—Power option. C—Communications option.

V. MECHANICAL ENGINEERING

The branch of engineering designated as Mechanical is of a broad nature covering many engineering fields. It is concerned with the generation and utilization of power, the design, production, and operation of mechanical devices, and the organization and administration of industrial plants.

The course provides a basic general engineering training which is applicable to all industries. In the Fourth and Fifth years the student may take a general course in Mechanical Engineering, or may elect subjects emphasizing one of two fields of power and design or of production and management. The laboratory classes are integrated with the lecture courses, serving to illustrate engineering principles in a practical manner.

Students who intend to proceed to a postgraduate degree in Mechanical Engineering must include Differential Equations 1260 in their curriculum.

Arrangements are made for occasional visits to power plants and factories of importance.

FIRST, SECOND, AND THIRD YEARS

As in other Engineering courses (see pages 1420 and 1422), with additional Summer School for students entering Third year (see page 1442).

Mechanical Engineering
FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Structural Design	360	..	2	..	2
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
Industrial Engineering	561	2	..	..	..
Machine Design	562	2	2	..	..
Machine Shop	563	..	..	3	3
Mechanical Drawing	565	..	..	3	3
Mechanical Engineering	568	2	2	1	1
Mechanical Engineering Laboratory	569	..	..	3	3
Thermodynamics	570	2	2	..	..
Summer School (machine shop)	572	..	..	..	..
Summer School (mechanical drawing)	574	..	..	..	..
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Engineering Reports	1530	1	1	..	..
Engineering Practice I	1531	..	2	..	..
Accounting	560	1	1	3	3
or					
Mechanics of Machines	564	2	2	1	1
*Differential Equations (extra)	1260	2	2	..	..
Total hours		17 to 21	16 to 20	15 to 17	18 to 20

*Students intending to proceed to a postgraduate degree should take this subject.

Mechanical Engineering

FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Hydraulics	364	2	..	3	..
Hydraulic Machines	386	..	2	..	..
Designing	581	1	1	2	2
Experimental Engineering	582	1	1	..	..
Heating and Ventilation	583	1	1	..	..
Machine Design	587	2	2	..	..
Machine Shop	588	..	..	3	3
Mechanical Engineering Laboratory	589	..	..	6	6
Power Plant Design	591	1	1	3	3
Summer Essay	850	..	..	..	..
Engineering Practice II	1541	2	..	..	..
Engineering Law	1470	2	..	..	..
and					
Industrial Administration	584	..	1	..	3
Industrial Engineering	585	2	2	3	3
Industrial Relations	586	2	..	..	..
or					
Applied Gas Dynamics	580	1	1	..	..
Industrial Administration	584	..	1	..	3
Industrial Relations	586	2	..	..	..
Thermodynamics	592	2	2	..	..
or					
*Strength of Materials (extra)	391	..	2	..	..
Applied Gas Dynamics	580	1	1	..	..
Mechanics of Machines	590	2	2	1	1
Thermodynamics	592	2	2	..	..
Total hours		15 or 16	12 to 15	17 to 20	15 to 20

*Students intending to specialize later in Aerodynamics should take this subject.

VI. METALLURGICAL ENGINEERING

The course of instruction provides training in the chemical, physical, and engineering subjects that form the basis for metallurgical engineering. In the later years, the various branches of theoretical and practical metallurgy are studied.

The course is designed for students who expect to be engaged in the smelting or refining of metals, the production of iron and steel, the melting and casting of metals and alloys, or in engineering work in which the physical properties and heat-treatment of metals and alloys are of fundamental importance.

In the Third year instruction is given in mathematics, mechanics, physics, materials of engineering, organic chemistry, inorganic qualitative and quantitative analysis, and metallurgical problems.

In the Fourth year instruction is given in economics, physical chemistry, chemical thermodynamics, mineralogy, mineral dressing, metallurgy, mechanical engineering, strength of materials, and machine design.

In the Fifth year instruction is given in chemistry, engineering law, economics, metallurgy, electrometallurgy, metallography, electrical engineering, metallurgical designing, and mineral dressing.

Laboratory accommodation is provided for graduate students who wish to do advanced work in metallurgy for the M.Eng. degree.

FIRST AND SECOND YEARS

As in other Engineering courses (see page 1420).

Metallurgical Engineering

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
*Summer School	352	..	..	..	..
Metallurgical Problems and Laboratory	643	1	1	2	3
Summer Essay	830	..	..	..	..
Inorganic Qualitative Analysis	942	1	1	3	3
Inorganic Quantitative Analysis	944	1	1	6	6
Organic Chemistry	948	2	2	..	..
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1520	1	1	..	..
Total hours		13	13	16	17

*Taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Fourth or Fifth year (see page 1442).

Metallurgical Engineering
FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Inorganic Chemical Technology	266	2	..	..	..
Strength of Materials	373	2	2	..	3
Machine Design	562	2	2	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Metallurgical Analysis	660	..	..	3	..
Metallurgical Laboratory	663	..	..	..	3
Metallurgical Problems	664	..	..	2	2
Metallurgy of Iron and Steel	666	1	1	..	..
Mineral Dressing	768	1	1	3	3
Summer Essay	840	..	..	..	..
Chemical Thermodynamics	964	2	2	..	..
Physical Chemistry	972	1	1	..	..
Mineralogy	1142	2	2	3	..
Differential Equations (extra)	1260	2	2	..	..
Engineering Practice I	1531	..	2	..	..
Total hours		15 or 17	15 or 17	14	14

Metallurgical Engineering
FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
Industrial Administration (extra)	584	..	1	..	..
Industrial Relations (extra)	586	2	..	..	..
Metallurgical Unit Operations	680	2	2	1	1
Metallurgical Laboratory	681	..	..	3	3
Hydrometallurgy	683	3	3	1	1
Extractive Metallurgy	684	2	2	2	2
Metallurgical Colloquium	688	..	1	..	..
Metallurgical Design	690	..	..	..	3
Metallurgical Thesis	692	..	..	3	6
Physical Metallurgy	694	2	2	1	1
Mineral Dressing	797	2	..	3	..
Summer Essay	850	..	..	..	..
Engineering Practice II	1541	2	..	..	..
Engineering Law	1470	2	..	..	..
Total hours		17 or 19	12 or 13	17	20

VII. MINING ENGINEERING

The technical requirements of the mining engineer cover the field of basic engineering and geological knowledge. In the junior years of the course, in common with other branches of engineering, emphasis is placed on mathematics, physics and chemistry. On this background a comprehensive training in engineering and geological principles is superimposed. Thus the course, in addition to preparing students for the varied technical appointments available in the mineral industry, offers a well rounded engineering curriculum.

Timetable permitting, at the discretion of the Chairman of the Department and with the approval of Faculty, some variation of the final year curriculum is permitted in the case of students wishing to emphasize geology, mineral dressing, or other specialized branch.

A Field School in mining, mineral dressing, and geology for the Fourth year normally begins immediately after the close of the April examinations. The School visits some important mining districts where there is an opportunity to examine a variety of mining and milling operations.

The fee for this trip is not included in the regular fee and is payable to the University on or about April 15th, immediately preceding the trip. The fee, which is normally about $50, will vary from year to year depending upon the itinerary and general conditions, and is thus established annually when arrangements for the School have been completed.

Facilities are available for graduate students undertaking advanced work in many of the specialized branches of the mineral industry. The Department possesses two Research Fellowships open to graduates of the Department who show suitable ability. (*See Scholarship Announcement.*)

Refer to page 1417 for regulations regarding physical examination.

FIRST AND SECOND YEARS

As in other Engineering courses (see page 1420).

Mining Engineering

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Mining	740	..	1	..	..
Summer Essay	830	..	..	..	..
Inorganic Qualitative Analyais	942	1	1	3	3
Inorganic Quantitative Analysis	954	1	1	3	3
General Geology	1122	2	2	2†	2
Mineralogy	1124	2	2	3	3
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1520	1	1	..	..
Total hours		16	15	16	16

*Taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1442).

†During the first few weeks the laboratory work is replaced by field excursions.

Mining Engineering

FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Structural Design	360	..	2	..	2
Hydraulics	364	2	..	3	..
Strength of Materials	373	2	2	..	3
(1)Summer School (Survey)	377	..	..	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Physical Metallurgy	670	1	..	2	..
Mine Mapping	760	..	..	..	3
Mine Surveying	761	2	..	..	..
Mining Engineering I	762	2	2	..	..
(2)Summer School (Fire Assaying)	766	..	..	..	..
Mineral Dressing	768	1	1	3	3
Ore Analysis	770	..	..	..	3
Summer Essay	840	..	..	..	..
Petrology	1144	2	..	3	..
Field Geology	1145	1	..	3	..
Structural Geology	1146	..	2	..	3
Engineering Practice I	1531	..	2	..	..
Total hours		15	13	17	20

(1)Taken in four weeks following Third year.
(2)Taken in two weeks prior to the opening of the session in the Fourth or Fifth year.

Mining Engineering
FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
General Metallurgy	686	2	2	..	..
(1)Summer School (Field Trips)	764	..	..	..	..
Mine Design	782	2	1	3	4
Mine Finance and Cost Control	784	..	2	..	..
Mining Colloquium	786	..	1	..	..
Mining Engineering II	788	2	3	..	..
Mining Engineering Problems	790	..	..	2	2
(2)Ore Analysis	792	..	..	3	..
Mineral Dressing	797	2	..	3	..
Mineral Dressing	798	..	1	..	3
Summer Essay	850	..	..	..	..
Geology of Canada	1160	..	2	..	3
Ore Deposits	1162	2	2	..	3
Geophysics	1360	2	..	..	..
Engineering Law	1470	2	..	..	..
Engineering Practice II	1541	2	..	..	..
Total hours		18	16	14	18

(1)Normally taken in two to three weeks at the close of the Fourth year.
(2)To be given in 1953-54 only.

VIII. ENGINEERING PHYSICS

The courses leading to the degree of B.Eng. in Engineering Physics are planned for those students who wish to fit themselves for positions in the fields of design, development, and research. These courses are at present arranged for students specializing primarily in Electrical Engineering and Electrical Physics, but the group of courses as a whole places emphasis on a considerable range of physics and mathematics.

Since the opportunities in the fields of design, development, and research are in general limited to those who show a marked aptitude for both technical and theoretical work, registration in Engineering Physics is restricted to those students who have completed Second year Engineering with high second-class standing or better. Moreover, students who do not maintain an average of 65% are not allowed to continue in Engineering Physics. They may, however, transfer to Electrical Engineering at the end of any year if they have obtained a minimum of 50% in all courses of that year.

Alternative groups of courses associated closely with other branches of engineering may be offered when the demand for Engineering Physicists in these branches is assured.

SECOND YEAR

As in other Engineering courses (see page 1421).

Engineering Physics

THIRD YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
*Summer School	352	..	..	..	..
Electrical Engineering	440	..	2	..	3
Mechanical Drawing	540	..	..	3	..
Summer Essay	830	..	..	..	..
Advanced Calculus	1240	3	3	..	..
Vector Methods and Nomography	1246	1	1	..	..
Differential Equations	1260	2	2	..	..
Physics	1340	2	2	..	..
Advanced Heat	1342	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1520	1	1	..	..
Total hours		14	16	8	8

*Counted as part of the Third year curriculum, but taken in four weeks following the close of the Second year. Students entering from other universities do this work in a special summer school before entering Third year (see page 1442).

Engineering Physics
FOURTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Strength of Materials	373	2	2	..	3
Electrical Engineering	460	4	3	..	..
Electrical Engineering Laboratory	464	..	..	9	6
Electron tubes and Circuits	466	2	2	..	3
Summer Essay	840	..	..	..	..
Theory of Functions	1264	1	1	1	1
Electron Physics	1362	2	..	..	..
Advanced Light	1364	2	1	3	3
Properties of Matter (extra)	1366	..	1	..	..
Statics and Dynamics	1368	3	3	..	..
Engineering Practice I	1531	..	2	..	..
Total hours		14	15	13	16

Engineering Physics
FIFTH YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Communication Engineering (Wire)	480	2	..	..	..
Electrical Engineering	485	4	..	..	..
Electrical Engineering Laboratory	487	..	..	3	..
Radio Engineering	494	2	2	..	..
Radio Engineering Laboratory	495	..	..	6	6
Summer Essay	850	..	..	..	..
Mathematical Physics	1390	3	3	..	..
Atomic Physics	1382	2	(2)*	3	.
Radioactivity	1392	..	2	..	3
Electric Measurements	1384	1	1	3	3
Electrical Measurements (extra)	1386	1	1	2	2
Electromagnetic Theory	1388	1	2	..	..
Total hours		15	12	15	12

*In the second term course 1382 becomes an extra, but attendance at the two lectures per week is recommended, although not required.

SUMMER SCHOOLS

Undergraduates are required to attend Regular Summer Schools as specified below. The times at which they are held, and the work covered, are set forth in detail under the course numbers referred to.

See note under fees, page 1416.

Except as noted, classes are expected to begin on or about April 25th and close about May 24th.

REGULAR SUMMER SCHOOLS

CURRICULUM	Students Entering					
	Third year		Fourth year		Fifth year, and sixth year Architecture	
	Course	Page	Course	Page	Course	Page
Architecture	352	1460	..	..	165 166	1450 1450
Chemical Engineering	.. ..	.. ..		..	270	1452
Civil Engineering: Regular Course Applied Mechanics option	352 352	1460 1460	377 ..	1462 ..	394 ..	1465 ..
Electrical Engineering	352	1460	..	..	..	..
Mechanical Engineering	352	1460	572 574	1485 1485	.. ..	.. ..
Metallurgical Engineering	352	1460	..	..	..	..
Mining Engineering	352	1460	377 766	1462 1492	766 764	1492 1492
Engineering Physics	352	1460	..	..	..	..

SPECIAL SUMMER SCHOOLS

As it is seldom practicable for students admitted to advanced standing in McGill University from other colleges to attend the May Summer School preceding the work of the year to which they are admitted, the following arrangements have been made for such students, but it must be understood that they apply only to students who have not previously been in attendance in the Faculty of Engineering.

(a) Students entering the Third year from other universities, except in Chemical Engineering, are required to attend a Summer School in Surveying which opens on or about September 14th, 1953 preceding the work of the Session. Additional work will be required in the following year to complete the course.

(b) Students entering the Fourth year of the course in Mechanical Engineering will be required to attend a Summer School in Mechanical Drawing and Machine Shop Work extending over a period of about four weeks, commencing September 1st, 1953.

(c) Students entering the Fourth year in the course in Civil or Mining Engineering are required to attend a Summer School in Surveying which opens on or about September 14th, 1953.

(d) Students entering the Fifth year in Civil Engineering are required to attend a Summer School in Surveying which opens on or about September 14th, 1953.

(e) Students entering the Fifth year in Mining Engineering are required to submit evidence that they have had at least six months' practical experience in Mining Work.

(f) Students in Mining Engineering are required to attend a Summer School in Fire Assaying (766) prior to entering either their Fourth or Fifth year.

(g) Students entering Fifth year Architecture are required to attend Sketching School 165 commencing September 16th, 1953.

SUMMER WORK AND SUMMER ESSAYS

Students in Engineering are required to submit to the Faculty evidence of having had at least six months of experience in practical engineering work before receiving their degrees (see page 1419). Evidence of such employment must be submitted on forms obtainable at the Dean's Office, to be signed by the employer, and handed in at that office not later than 12 noon, Saturday, October 17th, 1953.

A similar regulation applies to students in Architecture.

GENERAL REQUIREMENTS FOR ESSAYS

Essays are regarded as an important part of the curriculum and a high standard is exacted. They are judged on their subject matter, on their literary style, and on the evidence they show of thoughtful observation and preparation.

The most suitable subject for an essay is a topic drawn from the experience of the student during his summer work, but a similar topic connected with any engineering, scientific, or industrial work with which he is familiar is acceptable. Students should take advantage of every opportunity during their summer engagements to gather material for their essays.

No essay compiled entirely from matter already published will be accepted from any student unless ACCOMPANIED by a letter of approval from the Chairman of his Department, or, in the case of students of the First year and of the Second year in the general course, from the Chairman of the Department naturally concerned with the topic upon which the student proposes to write. Such approval is not usually given unless the proposed essay will serve a really useful purpose by bringing together important information otherwise difficult of access.

Data from books and from other sources, may, however, be used or even quoted verbatim in reasonable quantity, provided acknowledgement is made and direct quotations are indicated. Thanks for assistance, advice, drawings, photographs, and the like received by the writer from others should also be given under "Acknowledgements".

Essays should be from 2,000 to 5,000 words in length. The student is therefore strongly advised to select a topic which can be treated with reasonable completeness within these limits.

Unless absolutely essential, it is not desirable to accompany essays with samples and specimens. Careful writing and adequate illustration will usually make these unnecessary.

Essays must be TYPEWRITTEN on one side only of 8½ x 11-inch white paper of good quality and bound in the standard cover.

The schedule by which essays are ranked is as follows:

A—Physical Presentation

Title, name, course, and year on cover; table of contents or index; list of illustrations, drawings, maps, etc.; suitability of illustrations, etc.; neatness—15 to 25 marks.

B—Content

Suitability; originality; evidence of accurate observation; authority and accuracy—30 to 40 marks.

C—Organization

Acknowledgements; headings and sub-headings; tables; references; bibliography—15 marks.

D—Composition

Grammar; spelling; phraseology; style and interest; clarity and lucidity —30 marks.

After ranking, essays, except those to be considered for prizes or those which must be rewritten, are returned to the writers through the Engineering Library. Essays considered for prizes, but not awarded any, are also returned in the same manner, but at a later date. Prize-winning essays become the property of the Engineering Undergraduates' Society and are filed for permanent reference in the Engineering Library. Any student who does not wish to surrender his essay should, therefore, indicate by letter ATTACHED THERETO that it is not to be considered for a prize.

Students are encouraged to submit their essays to the Engineering Institute of Canada, to the Canadian Institute of Mining and Metallurgy, to the Institute of Radio Engineers, or to the Society of Chemical Industry in competition for prizes offered by these institutes. A student wishing to enter one of these competitions should so indicate by letter ATTACHED TO his essay.

Summer essays must be handed in at the Engineering Library, Engineering Building, not later than 5 p.m., Wednesday, October 1st, 1952.

STUDENTS IN ARCHITECTURE

During each summer vacation students are required to obtain at least six weeks' practical experience satisfactory to the Faculty and to prepare an essay of about 3,000 words upon their summer employment. Rules governing these essays are as stated for summer essays.

STUDENTS IN ENGINEERING

Third Year

830. SUMMER ESSAY. Students entering the Third year must submit an essay, The essay, which should be approximately 2,000 words in length, must be illustrated and must conform to the requirements for essays stated above.

Students who are not engaged during the summer in engineering, scientific, or industrial work that would provide a suitable subject for an essay, may write on one of the following subjects:

Chemical Engineering: (1) A survey of a local chemical or semi-chemical industry; (2) A survey of a municipal or local engineering utility such as: (i) Water-works system; (ii) Gas production and distribution system; (iii) Sewerage or sewage-disposal system; (iv) Pipe-line system for oil or gas.

Other Engineering Courses: (1) The Engineer's Place in Society; (2) Engineering Societies and their Functions; (3) Licensing of Engineers; (4) The Engineer and Collective Bargaining.

Fourth Year

840. SUMMER ESSAY. Students entering the Fourth year must submit an essay. preferably on engineering work in which they have been engaged. Essays must conform to the requirements stated.

Students who are not engaged during the summer in suitable engineering, scientific or industrial work are advised themselves to choose a subject for an essay, in consultation with the Chairman of their Department, or they may write on one of the following:

Chemical Engineering: (1) A survey of a local chemical or semi-chemical industry; (2) Recording instruments for pressure, or temperature, or flow; (3) Basic principles of automatic control in an industrial process; (4) Nomographic charts in chemical processes; (5) Design of one unit or equipment in a chemical industrial process.

Civil Engineering: (1) Historical Development of Trussed Frameworks; (2) Historical Development of Reinforced Concrete; (3) Ancient and Modern Water Supplies.

Electrical Engineering: The Application of Electric Power to Industrial Establishments.

Mechanical Engineering: (1) Powdered Fuel for Power Production; (2) Pulp and Paper Manufacture; (3) Shop Management.

Metallurgical Engineering: (1) Roasting Sulphide Concentrates; (2) Reverberatory Copper Smelting; (3) Heat Treatment of Steel.

Mining Engineering: (1) Explosives Used in Mining; (2) Hoisting from Mines; (3) Mucking and Transportation in Mines; (4) The Cyanide Process for Extraction of Minerals from Ores.

Fifth Year

850. SUMMER ESSAY. Students entering the Fifth year are required to submit an essay, preferably on engineering work in which they have been engaged. Students who are not engaged in suitable work may write on one of the following subjects, or preferably on an engineering subject approved by the Chairman of their Department.

Chemical Engineering: A critical essay on any one of the topics suggested for Second- and Third-year Chemical Engineering essays.

Civil Engineering: (1) Welding of Structural Steel; (2) High-Early-Strength Concrete; (3) Aerial Surveying; (4) Small-Town Sewage Disposal Plants; (5) A Short History of Soil Mechanics.

Electrical Engineering: (1) Applications of Electricity to any particular branch of industry, or to industry in general; (2) Applications of Thermionic Tubes to Electrical Communication and to Industry; (3) Electrification of Railways; (4) The Insulation of Underground Cables or of Overhead Lines; (5) The Magnetic Properties of Iron and its Alloys.

Mechanical Engineering: (1) Power Costs; (2) Central Station Heating; (3) Methods of Increasing Production in Manufacturing; (4) Diesel-driven Motor Buses.

Metallurgical Engineering: (1) The Treatment, Uses, and Disposal of Gases from Metallurgical Furnaces; (2) The Economic Use of Electric Power in Metallurgical Furnaces; (3) Corrosion-resisting Alloy Steels; (4) Electro-metallurgical Industries.

Mining Engineering: (1) Prospecting and Exploration of Mineral Deposits; (2) Mine Drainage; (3) The Flotation Process for Ore Concentration; (4) Compressed Air and its Application to Mining; (5) Mineral Production and its Effect on Industrial Development.

Essays must conform in all respects to the requirements stated on pages 1443 and 1444.

Courses of Instruction

SCHOOL OF ARCHITECTURE

The School of Architecture is under the administrative jurisdiction of the Faculty of Engineering.

Director and Professor — JOHN BLAND

Associate Professor — HAROLD SPENCE-SALES

Assistant Professors — FRED. D. LEBENSOLD, A. STUART WILSON

Sessional Lecturers

MAXWELL C. BAKER, A. J. C. PAINE
WATSON BALHARRIE, VINCENT J. ROTHER
L. AUSTIN JOHNSON, HAZEN SISE
ARTHUR LISMER, GORDON WEBBER

Demonstrators

Advisory Committee (*see page 1406*)

SECOND YEAR

115. ARCHITECTURAL DRAWING AND ELEMENTS OF DESIGN. Descriptive geometry; orthographic projection; simple pictorial representation; perspective by various methods; shades and shadows; interpenetrations; developments; lettering. Basic visual elements, line, form, colour, texture. Practical experiments in water colour, tempera, dyes, and inks. Given only upon the demand of four or more students in place of Mechanical Drawing 521 and Descriptive Geometry 522.

1 lecture and 5 hours problems per week, session.

Professor Bland and Mr. Webber

THIRD YEAR

130. ARCHITECTURAL REPORT. Students are required to prepare a paper during the session on some aspect of historical architecture. It may be based upon references in literature or other available library records, or it may be a study of technique, material, structure, or function in historic buildings as revealed by available records. Related to Course 134.

Professor Bland

131. BUILDING CONSTRUCTION. Building materials and methods of construction according to good local practice; wood framing and masonry; preparation of detail drawings from plates and design of one or two simple structures. 1 lecture and 6 hours problems per week, first term; 1 lecture and 12 hours problems per week, second term. *Professor Wilson*

Textbooks: Frame Construction Details (Nat. Lumber Mfg. Ass'n); Gay and Parker, Materials and Methods of Building Construction (Wiley); Graf, Data Sheets (Reinhold); Ramsey and Sleeper, Architectural Graphic Standards (Wiley).

132. ELEMENTS OF DESIGN. Applications of colour and texture experiments to renderings of planes in space. Designing and producing three dimensional tactile structures and the applications of visual aids in the presentation of architectural projects.

3 hours per week, session. *Mr. Webber*

133. FREEHAND DRAWING AND MODELLING. Drawing, painting, modelling, and experiments in the forms and techniques of historic style. Related to Course 135. Classes held in the Montreal Museum of Fine Arts.

3 hours per week, session. *Dr. Lismer*

134. HISTORY OF CLASSIC, MEDIAEVAL, RENAISSANCE, AND MODERN ARCHITECTURE. A survey of building forms in relation to purpose, materials, technique of construction, traditions, and climates. Related to Course 130.

3 lectures per week, session. *Professor Bland*

135. HISTORY OF ART. This course is a chronological survey of the changes in painting and sculpture from prehistoric times to the present day. Related to Course 133. Illustrated notes are required.

1 lecture per week, session. *Dr. Lismer*

830. SUMMER ESSAY. Before a degree is granted a student must have had at least six months' experience satisfactory to Faculty (see page 1419). During each summer the student must prepare an essay of about 3,000 words upon his summer employment.

FOURTH YEAR

145. AESTHETICS AND THEORY OF DESIGN. This course describes the foundation of aesthetics and the character of design, form, colour, taste, and their relationship to nature and the arts in industry and in modern life. Related to Course 150. Illustrated notes are required.

1 lecture per week, session. *Dr. Lismer*

146. ARCHITECTURAL REPORT. Related to Course 151. Continuation of Course 130, but the chosen subject should be related as far as possible to present-day problems. *Mr. Sise*

147. BUILDING CONSTRUCTION. Various structural systems and their architectural significance; construction and finish of walls, floors, ceilings, and roofs; provision for mechanical services; by-law requirements. Detailed working drawings of parts of design projects are prepared. Related to Course 148.

2 lectures per week, session. *Mr. Balharrie and Mr. Baker*

Textbooks: Huntingdon, Building Construction (Wiley); National Building Code (King's Printer).

148. DESIGN, CLASS A. Residential, industrial and educational buildings. Detail studies of two or three buildings are made each session in the Third, Fourth and Fifth years. Students are required to investigate the main elements of a given project, considering function, historical and contemporary counterparts, structure, materials, details of finish, mechanical and other equipment, as well as æsthetic disciplines and enrichment. The method of consideration is usually as follows: (a) Written report with illustrations upon the proposed building outlining its purpose, materials, and construction; (b) Preliminary plans, sections, and elevations; (c) Structural layout; (d) Graphical abstractions of the building in order to clarify the pattern of the structure, the mass, the texture, and colours of materials and the surface; (e) Working drawings of a part of the building; (f) Final presentation drawings or scale models with details of special features. Occasional short problems are introduced to develop speed in design and presentation. There are weekly conferences for discussion of the current project.

15 hours per week, first term; 6 hours per week, second term.
Mr. Balharrie and Mr. Baker

150. FREEHAND DRAWING AND MODELLING. Drawing, painting and modelling with practical experiments in design form. Related to Course 145. Continuation of Course 133. Classes held in the Art Association.

3 hours per week, session. *Dr. Lismer*

151. HISTORY OF MODERN ARCHITECTURE. The architectural consequences of the Industrial Revolution: development of new materials and techniques of construction, of new social requirements in a changed environment; the psychology of stylistic revivalism; the divorce between architecture and engineering; the changing role of the architect, etc. Despite the recent birth of a new style, the student is encouraged to regard the dynamic interaction of social and technological forces as a continuing process in which he himself is involved and towards which he should adopt a positive viewpoint.

2 lectures per week, session. *Mr. Sise*

152. SOCIAL OBSERVATION FOR ARCHITECTS. Growth and pattern of cities. The sociological basis of town planning. Given in alternate years.

1 hour conference per week, session. *Professor Hall and Staff*

840. SUMMER ESSAY. See Course 830.

FIFTH YEAR

160. ARCHITECTURAL REPORT. Related to Course 163. Continuation of Course 146. *Professor Bland*

161. DESIGN, CLASS B. Recreation, transportation, and hospital buildings (see Third year Design, class A, 148).

1 lecture and 15 hours problems per week, session. *Professor Lebensold*

162. DESIGN WORKSHOP. Study of light in relationship to architecture; model-making for light experiments; photographic recordings; photograms. Design of structures to illustrate objects in spatial relationship; solid, linear, and transparent objects.

3 hours per week, session. *Mr. Webber*

163. HISTORY OF RESIDENTIAL BUILDINGS. Primitive dwellings, ancient houses, mediæval houses, Jacobean and Palladian houses, early domestic buildings in America, modern houses and apartments. Course is related to Course 146.

2 lectures per week, session. *Professor Bland*

164. PLANNING. Elements of town planning; surveys of selected districts of Montreal. The course consists of environmental studies directed at a wider understanding of architectural and civic design.

2 lectures per week, session. *Professor Spence-Sales*

165.
166. } SKETCHING SCHOOL. Students are required to attend two sketching schools during their course. The school is usually conducted out of town so that students are given the opportunity of examining and making graphic records of an unfamiliar district. About 10 days; opening date for 1953-54, September 16th, 1953.

Dr. Lismer and Messrs. Webber and Wilson

850. SUMMER ESSAY. See Course 830.

SIXTH YEAR

175. ARCHITECTURAL REPORT. Related to Course 179. Continuation of Course 160. *Professor Bland*

176. DESIGN, CLASS C. Complex buildings or groups of buildings usually including a housing problem and a commercial or a public building. Diploma design for graduation is done in the second term. The subject is selected by the student, but must be presented for approval before January 3rd each year; presentation must be in the form of a written report and preliminary plans.

24 hours problems per week, session. *Professors Bland and Spence-Sales*

177. DESIGN SEMINAR. Seminar for investigating physiological and psychological requirements in building.

Scientists working in physiology, psychology, and other fields provide definite information about human environmental needs. Technicians have made possible new methods to meet these needs. The architect should have an understanding of both needs and methods, in order to satisfy modern building problems. One week, a specific need will be studied. The following week, experts will answer the questions arising out of the previous week's study.

2 hours per week, first term. *Professor Bland and Visitors*

178. DESIGN WORKSHOP. Special experiments in which the individual student presents a subject as a model, such as a theatre stage, a small house, furniture, a mural, a pamphlet, etc.

3 hours per week, first term. *Mr. Webber*

179. HISTORY OF RELIGIOUS AND PUBLIC BUILDINGS. Temples, churches, cathedrals, palaces, theatres, and other monumental structures. Related to Course 160.

2 lectures per week, session *Professor Bland*

180. PROFESSIONAL PRACTICE. Essential characteristics and more important phases of the architect's work; relationship to the owner; responsibility; business conduct; fees; supervision; arbitration; issuing of certificates; competitions; standard forms of contracts; payment; liens; servitudes; public health; building regulations.

1 lecture per week, session. *Mr. Paine and Mr. Johnson*

181. SPECIFICATIONS. Principles of writing architectural specifications; discussion of actual specifications; essays on common building materials; practice in specifying for common trades.

1 lecture per week, session. *Mr. Balharrie*

Textbooks: Sleeper, Architectural Specifications (Wiley); National Building Code (King's Printer); N.H.A. Specifications; Master Specifications (Home Owner's Loan Corp.).

860. SUMMER ESSAY. See Course 830.

DEPARTMENT OF CHEMICAL ENGINEERING

Professor — J. B. PHILLIPS, *Chairman*

Associate Professor — WILLIAM GAUVIN

Lecturer — _____

Demonstrators — _____

THIRD YEAR

240. CHEMICAL ENGINEERING PROBLEMS. Applications of physical and chemical principles to some fundamental problems in Chemical Engineering.

1 lecture and 2 hours problems per week, session — *Professor Phillips*

830. SUMMER ESSAY. (See page 1443.)

FOURTH YEAR

260. CHEMICAL TECHNOLOGY. Technology of chemical industries: acids; alkalis; gases; organic synthesis and pressure processes; petroleum products; wood pulp and synthetic fibres; materials of construction; flow-sheets; economic principles.

2 lectures per week, session. — *Professor Phillips*

Reference book: Shreve, Chemical Process Industries (McGraw-Hill).

264. ELEMENTARY CHEMICAL ENGINEERING. Stoichiometry, with applications in combustion and some manufacturing processes; thermodynamic properties of systems; physical chemistry of solutions; introduction to fluid flow and to heat transfer by conduction.

2 lectures per week, session. — *Professor Gauvin*

Textbook: Arnold, Chemical Engineering Stoichiometry (The Author).

266. INORGANIC CHEMICAL TECHNOLOGY. First term of Course 260.

2 lectures per week, first term. — *Professor Phillips*

268. THERMODYNAMICS. The first law, including enthalpy balances, heats of reaction, flow processes; the second law; thermodynamic cycles and charts; elementary chemical reaction equilibria.

2 lectures per week, session. — *Professor Gauvin*

Textbook: Weber, Thermodynamics for Chemical Engineers (Wiley).

270. SUMMER SCHOOL. Lectures and laboratory work in flow of fluids, filtration, unit processes; technical analysis; shop practice. Experimental illustration of thermodynamical principles; report writing.

840 SUMMER ESSAY. (See page 1443.)

FIFTH YEAR

280. CHEMICAL ENGINEERING (A). Study of unit operations based on thermodynamics: heat transfer; evaporation; dimensional analysis; nomographic charts; assigned problems.

3 lectures per week, session. *Professor Gauvin*

Textbook: Walker, Lewis, McAdams and Gilliland, Principles of Chemical Engineering (McGraw-Hill).

282. CHEMICAL ENGINEERING (B). Study of unit operations based on diffusional processes: absorption; extraction; distillation; drying; humidification; filtration; assigned problems.

3 lectures per week, session. *Professor Phillips*

Textbook: as for Course 280.

284. CHEMICAL ENGINEERING DESIGN. Methods and calculations in the design of chemical process equipment. Economic balance in processes. Instrumentation.

2 lectures per week, second term. *Professor Phillips*

286. CHEMICAL ENGINEERING LABORATORY. Experiments in the topics discussed in Courses 280 and 282, with reports; supervised problem periods in related work.

3 hours laboratory and 3 hours problems per week, session.

Professor Gauvin and Demonstrators

288. THERMODYNAMICS. Advanced topics in refrigeration and evaporation; physical equilibria and properties of non-ideal systems. Chemical reaction equilibria, equilibrium conversion, and estimation of equilibrium constants from thermal data.

2 lectures per week, session. *Professor Gauvin*

Reference book: Dodge, Chemical Engineering Thermodynamics (McGraw-Hill).

850. SUMMER ESSAY. (See page 1443.)

POSTGRADUATE COURSES

Graduates in Chemical Engineering may proceed, if their work has been of sufficiently high standard, to the Master's degree in Chemistry or in Chemical Engineering. See Announcement of the Faculty of Graduate Studies and Research.

DEPARTMENT OF CHEMISTRY

Professors	OTTO MAASS, *Chairman* W. H. HATCHER C. B. PURVES C. A. WINKLER
Associate Professors	J. H. MENNIE R. V. V. NICHOLLS ALFRED TAURINS
Assistant Professors	R. K. HOLCOMB A. S. ROSS H. I. SCHIFF
Special Lecturer	LEO YAFFE
Lecturers	_____
Demonstrators	_____

FIRST YEAR

902 (Arts and Science 11). GENERAL CHEMISTRY

General survey of chemical theory and of inorganic chemistry including atomic and kinetic theories, equivalent, atomic, and molecular weights, gases, liquids, solids, solutions, ionization, oxidation and reduction, velocities of reactions, chemical equilibrium, heats of reaction, electromotive series, periodic table, preparation and properties of important elements and compounds.

3 lectures and 3 hours laboratory, session. *Professor Holcomb*

Textbook: Briscoe, General Chemistry for Colleges, 4th ed. (Houghton-Mifflin)

SECOND YEAR

922 (Arts and Science 24). ELEMENTARY PHYSICAL CHEMISTRY. A survey of physical chemical theory and experimental methods, with problems to illustrate physico-chemical principles and to provide practice in the handling of experimental data and dimensional units.

2 lectures and 1 hour problems per week, session. *Professor Schiff*

Textbook: Maass and Steacie, Introduction to the Principles of Physical Chemistry, 2nd ed. (Wiley)

THIRD YEAR

942 (Arts and Science 27). INORGANIC QUALITATIVE ANALYSIS AND LABORATORY. Theory of formation and dissolution of precipitates; complex-ions; amphoteric electrolytes; hydrolysis; systematic separation and identification of the common ions.

1 lecture and 3 hours laboratory per week, session. *Professor Mennie*

Textbook: Curtman, Semi-micro Qualitative Chemical Analysis (Macmillan).

944 (Arts and Science 23). INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. Reactions of electrolytes in solution; ionization constant; solubility product constant; common-ion effect. Theory of gravimetric and volumetric precipitation; theory of indicators and acid-base titrations; oxidation-reduction methods; simple gravimetric determinations; typical volumetric procedures including precipitation, neutralization, and oxidation-reduction methods. All samples are solids which must be weighed and brought into solution by the student.

1 lecture and 6 hours laboratory per week, session. *Professor Mennie*

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

948 (Arts and Science 22). ORGANIC CHEMISTRY. Hydro-carbons, aliphatic, alicylic, and benzenoid; organic halides; alcohols; ethers; aldehydes and ketones including 1,4-addition and tautomerism; acids; esters including Claisen condensation, Michael condensation, and malonic ester condensation; acid chlorides, anhydrides, and amides; amines; cyanides and isocyanides; compounds containing sulphur; organo-metallic compounds; cis-trans isomerism; optical isomerism; electro-valence, covalence, and coordinate-covalence.

2 lectures per week, session. *Professors Hatcher and Nicholls*

Textbook: Noller, Chemistry of Organic Compounds (Saunders) or Brewster, Organic Chemistry (Prentice-Hall).

950 (Arts and Science 22). ORGANIC CHEMISTRY LABORATORY. Experiments illustrative of Course 948.

3 hours per week, session. *Professors Hatcher and Nicholls*

Laboratory text: Nicholls, An Introduction to Practical Organic Chemistry, 2nd ed. (Pitman)

954 INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. Reactions of electrolytes in solution; ionization constant; solubility product constant; common-ion effect. Theory of gravimetric and volumetric precipitation;

theory of indicators and acid-base titrations; oxidation-reduction methods; representative gravimetric and volumetric laboratory procedures.

1 lecture and 3 hours laboratory per week, session. *Professor Mennie*

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

FOURTH YEAR

962 (Arts and Science 32). ADVANCED ORGANIC CHEMISTRY AND LABORATORY. Electronic character, methods of synthesis, physical, chemical, and physiological properties of the principal bonds encountered in organic compounds; modern reaction mechanisms; interaction of functional groups; industrial applications of organic chemistry.

2 lectures and 6 hours laboratory per week, session. *Professor Nicholls*

964 (Arts and Science 35). CHEMICAL THERMODYNAMICS

2 lectures per week, session. *Professor Winkler*

Textbooks: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill).

966 (Arts and Science 40). CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS. Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical, and mechanical properties; experimental methods for controlling and determining the structures of polymers; properties of commercially available materials; methods of fabrication.

1 lecture per week, session. *Professor Nicholls*

968 (Arts and Science 34L). INTERMEDIATE PHYSICAL LABORATORY. Simple physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids and solutions.

3 hours per week, session. *Professor Ross*

Textbook: Daniels, Matthews, and Williams, Experimental Physical Chemistry, 4th ed. (McGraw-Hill).

972 (Arts and Science 34). PHYSICAL CHEMISTRY. Kinetic theory of gases; mathematical deduction of fundamental relations for velocity, collision frequency, viscosity, thermal conductivity, diffusion, etc.; discussion of imperfect gases.

1 lecture per week, session. *Professor Winkler*

Textbook: Glasstone, Textbook of Physical Chemistry (Van Nostrand); Loeb, Kinetic Theory of Gases (McGraw-Hill).

FIFTH YEAR

982 (Arts and Science 44). ADVANCED PHYSICAL CHEMISTRY. Chemical kinetics; factors affecting rates of homogeneous and heterogeneous reactions; activation energy, theories of reaction mechanisms; phase rule.

2 lectures per week, first term; 1 lecture per week, second term.

Professors Winkler and Ross

Textbooks: Laidler, Chemical Kinetics (McGraw-Hill); Glasstone, Text-Book of Physical Chemistry (Van Nostrand).

984. ADVANCED PHYSICAL CHEMISTRY LABORATORY. Physico-chemical measurements related to the requirements of chemical engineering design and practice.

3 hours per week, session. *Professor Ross*

Textbook: Daniels, Matthews, and Williams, Experimental Physical Chemistry, 4th ed. (McGraw-Hill).

986 (Arts and Science 46). COLLOID CHEMISTRY. Descriptive thermo-dynamic and kinetic treatment of the properties of surfaces, sols, emulsions, and gels.

1 lecture per week, session. *Professor Ross*

Reference books: Lewis, Squires, and Broughton, Industrial Chemistry of Colloidal and Amorphous Materials (Macmillan); Weiser, Colloid Chemistry, 2nd ed. (Wiley); Hartman, Colloid Chemistry, 2nd ed. (Houghton Mifflin); Adam, Physics and Chemistry of Surfaces, 3rd ed. (Clarendon Press); Brunauer, Absorption of Gases and Vapors, Vol. I (Princeton Univ. Press).

988 (Arts and Science 47a). ELECTROCHEMISTRY. Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells; liquid junction potentials; overvoltage and polarization phenomena.

1 hour per week, session. *Professor Ross*

Textbooks: Glasstone, Introduction to Electrochemistry (Van Nostrand).

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

Professors	R. E. JAMIESON, *Chairman* CARLETON CRAIG
Professor (post-retirement)	R. DeL. FRENCH
Associate Professors	L. J. ARCAND J. L. DE STEIN
Assistant Professors	G. W. JOLY S. A. NEILSON ANDREJS PAKALNINS V. W. G. WILSON
Lecturers	D. F. COATES W. B. McCOY
Lecturers (part-time)	_____ _____
Demonstrators	_____

SECOND YEAR

322. MECHANICS. Elementary dynamics of particles; rectilinear motion; projectiles; the inclined plane and pulleys; impulse, impact, and momentum of streams of particles; energy; statics, including equilibrium of concurrent and non-concurrent co-planar forces; problems of simple beams and frameworks, with stress analysis by the method of sections.

2 lectures per week, session.

Professors Craig, Jamieson, and Neilson and Mr. Coates

324. SURVEYING. Early practice and origin of instruments; the level—types and limitations; optics; direct and indirect levelling exercises; the compass and its uses; the transit—the vernier, horizontal and vertical angles, types of traverses, stadia; the chain and tape—uses and limitations; units of measurements; latitudes and departures; areas; simple circular curves.

2 lectures per week, second term. *Professor Arcand and Mr. McCoy*

Textbooks: Breed, Surveying (Wiley), Kissam, Surveying (McGraw-Hill).

Reference Book: Davis and Foote, Surveying (McGraw-Hill).

THIRD YEAR

342. MATERIALS OF ENGINEERING. An account of the sources, winning, general properties, trade practices and economics of both non-metallic and metallic materials and their products used in engineering construction and in the manufacturing industries, with emphasis on those not discussed in more detail in subsequent courses.

1 lecture per week, session *Professors French and Jamieson*

Textbook: University notes.

344. MAPPING. Plotting from transit-and-chain and stadia notes taken in Course 352; earthwork calculations using the planimeter; inking, tinting, and finishing map, with title, legend, north point, and border.

6 hours per week, first term. *Professor Arcand and Staff*

Textbook: Sloane and Montz, Elements of Topographic Drawing (McGraw-Hill).

346. MAPPING. Plotting from transit-and-chain and stadia notes; practice with planimeter.

3 hours per week, first term. *Professor Arcand and Staff*

Textbook: Sloane and Montz, Elements of Topographic Drawing (McGraw-Hill).

348. MECHANICS (Analytical). Equilibrium of forces; friction; graphical statics; bending moment and shear; analytical statics; relative velocities; variable rectilinear and curvilinear motion; simple harmonic motion with applications to pendulums and to springs; kinetic energy; liquid pressure; moments of inertia. Methods of the calculus are used freely.

2 lectures and 2 hours problems per week, session.

Professors Craig, Neilson, and Wilson

Textbooks: Poorman, Applied Mechanics (McGraw-Hill); Girvin, Applied Mechanics (Int. Textbook Co.).

349. MECHANICS (Graphics). Graphical portion of Course 348.

350. SURVEYING. Adjustments of level and of transit; theory and use of the polar planimeter; latitudes and departures; areas; plotting co-ordinates; partition of land; missing sides; stadia surveying; cross-sections, grids, and slope stakes; circular curves; vertical curves; the spiral; chaining errors and corrections.

2 lectures per week, first term. *Professor Arcand and Mr. McCoy*

Textbook: Breed, Surveying (Wiley).

Reference book: Davis and Foote, Surveying (McGraw-Hill).

352. SUMMER SCHOOL. Practice in chaining and taping; use of the level and of the transit; complete survey of a tract of land.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

830. SUMMER ESSAY (see page 1443).

FOURTH YEAR

360. ELEMENTS OF STRUCTURAL DESIGN. Beams; plate girders; columns; roof trusses; rivetted and welded connections; timber structures; working drawings; estimating quantities and costs.

2 lectures and 2 hours problems per week, second term.
Professor de Stein

Textbooks: Williams and Harris, Structural Design in Metals (Ronald); Steel Construction (A.I.S.C.); Standard Specifications for Steel Structures for Buildings (C.S.A.).

362. FOUNDATIONS AND MASONRY. Design of concrete mixtures, sub-surface exploration methods, lateral earth pressure theories, lateral pressures on earth structures, stability of slopes, bearing capacity of soils, design of footings, piles and pile driving, coffer dams and caissons.

1 lecture per week, session; 3 hour problems per week, second term.
Professor de Stein

Textbook: Taylor, Fundamentals of Soil Mechanics (Wiley).

Reference Books: Tschebotarioff, Soil Mechanics, Foundations, and Earth Structures (McGraw-Hill); Terzaghi, Theoretical Soil Mechanics (Wiley); Jacoby and Davis, Foundations of Bridges and Buildings (McGraw-Hill).

364. HYDRAULICS AND LABORATORY. Properties of fluids; hydrostatics; measurement of flow with orifices, weirs and Venturi meters; Bernoulli's theorem; laminar and turbulent flow; flow in pipes and open channels; divided flow.

2 lectures per week, first term. *Professors Craig and Wilson*

3 hours laboratory per week, first term. *Professor Wilson and Staff*

Textbook: Ellis, Elements of Hydraulic Engineering (Van Nostrand).

368. MAP PROJECTIONS. Graphical determination of spherical triangles; spherical projections; construction of maps.

1 lecture and 2 hours problems per week, first term. *Professor Arcand*

370. MECHANICS. Translation and rotation of solids, including problems of rolling on plane surfaces; compound pendulums; reciprocating machinery with analysis of internal stresses; angular momentum and impact; introduction to the gyroscope with problems and examples of application.

2 lectures per week, first term. *Professors Craig and Joly*

Textbooks: Girvin, Applied Mechanics (International Textbook Co.) Poorman, Applied Mechanics (McGraw-Hill).

371. RAILWAY AND HIGHWAY ENGINEERING. (a) Surveys; grades; curvature; earthwork; track; mechanical operation; economics of location and operation; location project and estimate. (b) In addition, highway economics; elementary soil mechanics; paving materials and construction; lighting; incidental structures; safety.

2 lectures and 6 hours problems and laboratory, first term; 1 lecture and 3 hours problems, second term. *Professor Pakalnins and Mr. Coates*

Textbooks: Allen, Railway Curves and Earthwork (McGraw-Hill); Williams, Design of Railway Location (Wiley); Tratman, Railway Track and Trackwork (McGraw-Hill); Bruce, Highway Design and Construction (Int. Textbook Co.); Tschebotarioff, Soil Mechanics, Foundations, and Earth Structures (McGraw-Hill); University notes.

373. STRENGTH OF MATERIALS. Stress, strain, resilience, and elastic properties of materials; bending moment and shear diagrams; simple, fixed, and continuous beams; reinforced concrete beams; torsion and bending in shafts and springs; columns; bending combined with direct stress; elementary consideration of compound stresses; distribution of shear.

2 lectures per week, session. *Professors Craig, de Stein, and Joly*

3 hours laboratory per week, second term. *Professor Wilson and Staff*

Textbook: Warnock, Strength of Materials (Pitman).

Reference books: Morley, Strength of Materials (Longmans Green); Timoshenko-MacCullough, Elements of Strength of Materials (Van Nostrand); Warnock, Strength of Materials (Pitman).

376. SURVEYING AND ASTRONOMY. Surveying for construction; marine and box sextants; the alidade and its use; barometric and trigonometric levelling; hydrographic surveying; mine surveying; elements of geodetic surveying; historical and practical astronomy; solution of the ZPS triangle for azimuth, latitude, longitude and time.

2 lectures per week, session. *Professor Arcand*

Textbooks: Davis and Foote, Surveying (McGraw-Hill); Hosmer and Robbins, Practical Astronomy (Wiley); Rayner, Advanced Surveying (Van Nostrand).

377. SUMMER SCHOOL. Preliminary railway or highway survey with transit, profile and topography parties; plane table, hand level, and stadia; spiral curves; cross-sections; simple triangulation networks; reciprocal levelling; soundings; current-meter surveys; introduction to mine surveying; small geological survey with Brunton compass and chain; astronomical observations.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

840. SUMMER ESSAY (see page 1443).

FIFTH YEAR

380. BRIDGE DESIGN. Selection of bridge types; loading; stress calculations; selection and design of members and connections; working drawings; estimating quantities and costs.

2 lectures and 6 hours problems per week, session. *Professor de Stein*

Textbooks: Sutherland and Bowman, Structural Design (Wiley); Williams and Harris, Structural Design in Metals (Ronald).

380A. BRIDGE DESIGN. Similar to Course 380, but 3 hours problems in second term only. *Professor de Stein*

381. DYNAMICS AND VIBRATION. Rotating axes; Lagrange equations; kinematics of vibration; complex representation; damping; resonance; coupled systems.

(*Given in 1953-54 and alternate years.*)

3 lectures per week, second term. *Professor Craig*

Reference books: Den Hartog, Mechanical Vibrations (McGraw-Hill); Timoshenko, Vibration Problems in Engineering (Van Nostrand); Von Karman and Biot, Mathematical Methods in Engineering (McGraw-Hill).

One of Courses 381 and 383 is given each year to both Fourth and Fifth year students in the applied mechanics option. The courses are given from the engineering point of view, with special attention to methods of approximation.

382. FOUNDATIONS AND REINFORCED CONCRETE. A continuation of Courses 362 and 390.

2 lectures per week and 3 hours problems per week, second term. *Professors de Stein and Jamieson*

Textbooks: As specified for Courses 362 and 390.

383. FLUID MECHANICS. Dimensional analysis; kinematics of fluid flow; mechanics of resistance; boundary layers; open channel flow; dynamic lift and propulsion.

(Given in 1954-55 and alternate years.)

3 lectures per week, second term. *Professor Craig*

Reference books: Rouse, Fluid Mechanics for Hydraulic Engineers (McGraw-Hill); Hunsaker and Rightmire, Engineering Applications of Fluid Mechanics (McGraw-Hill).

384. GEODESY. Adjustment and reduction of observations for horizontal and vertical control systems; figure of the earth; determination of azimuth, latitude, and longitude; level datum planes; gravimetric surveys; errors of observation; shoran trilateration.

Reference books: Hosmer, Goedesy (Wiley); Sharp, Geodetic Control Surveying (Wiley).

2 lectures per week, second term. *Professor Arcand*

385. GEODETIC LABORATORY. Measurement of magnifying power, of eccentricity of circles, and of small angles with sextant; determination of gravity, of error of run of theodolite microscopes, of constant of steel tapes, and of scale value of level vials; investigation of errors of graduation of steel bars and tapes and of transit circles; testing aneroid barometers.

3 hours per week, second term. *Professor Arcand*

386. HYDRAULIC MACHINES. Hydraulic problems in design and operation of hydro-electric projects; characteristics of impulse, reaction, and propeller turbines; specific speed; unit power; reduction of model tests; flow measurements for tests; centrifugal pumps.

2 lectures per week, second term. *Professor Craig*

Textbooks: Creager and Justin, Hydro-Electric Handbook (Wiley), Hunsaker and Rightmire, Engineering Applications of Fluid Mechanics (McGraw-Hill).

387. MUNICIPAL ENGINEERING. Basic engineering and biological principles of the design and construction of water supply and purification systems, and sewerage and sewage disposal works, with selected problems.

4 lectures per week, and 3 hours problems per week, first term.
Professor Pakalnins

Textbook: Steel, Water Supply and Sewerage (McGraw-Hill).

388. PHOTOGRAMMETRY AND LABORATORY. History and development; definitions, stereoscopy; parallax formulae; topographic mapping; photo interpretation; field control; tilt; radial line plotting; mosaics; oblique photography; mapping instruments.

2 lectures per week, second term; 3 hours laboratory per week, second term. *Mr. McCoy*

Textbook: Sharp, Practical Photogrammetry (MacMillan); L. G. Trorey, Handbook of Aerial Mapping and Photogrammetry (Macmillan).

Reference Books: Bagley, Aero Photography and Aero Surveying (McGraw-Hill); Gruber, Photogrammetry (Chapman and Hall); Manual of Photogrammetry (American Society of Photogrammetry).

389. STRENGTH OF MATERIALS. (a) Floors and columns in reinforced concrete; critical study of standard specifications; footings; retaining walls. (b) Bending and deflection of beams loaded and supported in any manner; deflection due to shear; principle of least work applied to beams and to statically indeterminate problems; bending of curved bars and of unsymmetrical sections; elastic strains; relation between elastic constants; thick shells. Part (b) is optional for students in mechanical engineering.

1 lecture and 3 hours problems per week, first term; 2 lectures per week, second term. *Professors Craig and de Stein*

Textbooks: Morley, Strength of Materials (Longmans Green); Seely and Smith, Advanced Mechanics of Materials (Wiley); Sutherland and Reese, Reinforced Concrete Design (Wiley); Large, Basic Reinforced Concrete Design (Ronald); Standard Specifications for Concrete (C.S.A.).

390. STRENGTH OF MATERIALS. Section (a) of Course 389

391. STRENGTH OF MATERIALS. Section (b) of Course 389.

392. THEORY OF STRUCTURES. Analysis of statically determinate frames under fixed or moving loads; influence lines; distortion of frames; braced arches of two and of three hinges; hingeless arches of reinforced concrete; moment distribution; continuous girders of constant and of variable moment of inertia; rigid frames; frames with redundant members.

1 lecture and 3 hours problems per week, first term; 2 lectures and 6 hours problems per week, second term. *Professor Jamieson*

Textbooks: Johnson, Bryan and Turneaure, Modern Framed Structures, Parts I and II (Wiley); Shedd and Vawter, Theory of Simple Structures (McGraw-Hill); Sutherland and Bowman, Structural Theory (Wiley).

393. WASTE DISPOSAL. Methods of collection and disposal of garbage, rubbish, ashes, etc.; relative advantages and disadvantages, economic and sanitary.

1 lecture per week, first term. *Professor Pakalnins*

Textbook: University notes.

Reference book: Refuse Collection Practice (Am. Pub. Wks. Assn.).

394. SUMMER SCHOOL. Practical engineering astronomy, with emphasis on the determination of latitude and azimuth; geodetic astronomy including Ball's method; precise levelling; precise triangulation, with related problems and base line measurements. Equipment available includes transits, precise and semi-precise levels, optical theodolites of various types, sextants, radio equipment for time signals, Monroe calculators.

4 weeks' summer school in April and May. *Mr. McCoy and Staff*

850. SUMMER ESSAY (see page 1443).

SURVEYING SUMMER SCHOOLS

Surveying field work is required of all students entering the Third year, except those taking Chemical Engineering, of students entering the Fourth year in the courses in Civil and in Mining Engineering, and of students entering the Fifth year in Civil Engineering. The work will begin in 1954 on or about April 26th and will continue for four weeks.

Students entering Third and higher years from other universities or from other faculties, who cannot attend the above courses in Field Work must attend Special Summer Schools, details of which are given on page 1442.

ELECTIVE COURSES IN FIRST YEAR

DEPARTMENT OF BOTANY

1400 (Arts and Science 11a). GENERAL BOTANY. The Seed Plant. The structure, functioning, and reproduction of higher plants, with an introduction to the major families of flowering plants and their economic significance.

2 hours lectures and 3 hours laboratory per week, first term.

Professor Muriel V. Roscoe

1401 (Arts and Science 11b). GENERAL BOTANY. A survey of the Plant Kingdom. A study of representatives of the main plant groups on an evolutionary basis.

2 hours lectures and 3 hours laboratory per week, second term.

Professor R. D. Gibbs

DEPARTMENT OF CLASSICS

GREEK

1420 (Arts and Science 1). BEGINNERS' GREEK
3 hours per week, session. *Professor P. F. McCullagh*

Textbooks: To be announced.

1421 (Arts and Science 2). INTERMEDIATE GREEK. Grammar, readings, and lectures on Greek Literature.
3 hours per week, session. *Professor C. H. Carruthers*

Textbooks: To be announced.

LATIN

1425 (Arts and Science 1). BEGINNERS' LATIN.
3 hours per week, session. *Professor E. M. Counsell*

Textbook: Hettich and Maitland, Latin Fundamentals, 3rd ed. (Prentice-Hall)

1426 (Arts and Science 2). INTERMEDIATE LATIN.
3 hours per week, session. *Professor C. D. Gordon*

For those students only who have completed Latin 1.

Textbooks: Hettich and Maitland, Latin Fundamentals, 3rd ed. (Prentice-Hall)

1427 (Arts and Science 11). LATIN.
3 hours per week, session. *Members of the Department*

Textbooks: To be announced.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

1430 (Arts and Science 100). ECONOMIC HISTORY. Evolution of economic institutions; the ancient empires; economic and social aspects of the decline and fall of the Roman Empire; mediaeval agrarian economy; fairs, towns, and trading companies; mediaeval money; the voyages of discovery; religion and the rise of capitalism; nationalism and mercantilism; the colonial system; the beginnings of modern banking; the great inventions and the factory system; North American industrial development; trade unions and the co-operative movement; legislative protection of the worker; international finance; rise and fall of the gold standard; evolution of the central banking function; recent economic changes.
3 hours per week, session. *Professor F. C. James*

DEPARTMENT OF GEOGRAPHY

1000 (Arts and Science 12). (1) THE ELEMENTS OF PHYSICAL GEOGRAPHY. Scientific study of man's habitat; the course is divided into two main parts:

A. Lands and seas. Study of landscape evolution under different climates; general characteristics and circulation of ocean waters; distribution of plants and animals.

B. The atmosphere. Measurement of physical properties of atmosphere; weather processes; world climates, principal types, causes, and characteristics; climatic control of human activity.

3 hours per week, session. *Professor F. K. Hare and Mr. W. F. Summers*

DEPARTMENT OF GERMAN

1450 (Arts and Science 3). GERMAN LANGUAGE (Beginners' Course).

3 hours per week, session.

Professor Bertha Meyer and Mrs. Milos Mladenovic

Textbooks: Curts, Basic German, Revised Edition (Prentice-Hall, 1946); Fiedler and Sandbach, First Science Reader for German Students (Oxford Univ. Press).

1451 (Arts and Science 4). GERMAN SCIENCE READING COURSE. (Half course.)

1 hour per week, session. *Mrs. Milos Mladenovic*

Prerequisite: German 1 or German 3 or Matriculation in German.

Textbook: Curts, Readings in Scientific and Technical German (Holt).

DEPARTMENT OF HISTORY

1460 (Arts and Science 1). EUROPEAN CIVILIZATION IN THE MEDIAEVAL AND MODERN PERIODS.

3 hours per week, session. *Professor C. C. Bayley*

1462 (Arts and Science 17). THE HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE.

Professor H. N. Fieldhouse

(*Not given in 1953-54.*)

1463 (Arts and Science 18). THE HISTORY OF DIPLOMACY, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY SINCE 1815.

Professor H. N. Fieldhouse

FACULTY OF MUSIC

The courses in Music are open to those who have the qualifications for the regular courses of Music given in the Faculty of Music. The first course of Music is for those who have offered Music as a Matriculation subject.

1480 (Arts and Science 1). FIRST COURSE

(a) Harmony.

The work covered is that required for the Intermediate Grade Theoretical Examination of the Local Centre Examinations (see Announcement of the Faculty of Music.)

One hour per week, session.

Textbooks: Macpherson, Rudiments of Music (Williams); Macpherson, Practical Harmony (Williams).

(b) Form and Analysis.

Phrase; sentence; sequence; cadence; accent; rhythm; time; melody; modulation; early dance forms; suites, with special consideration of the minuet and trio.

One hour per week, session.

Textbooks: Macpherson, Form in Music (Williams); Macpherson, Studies in Phrasing and Form (Williams); Morris, Structure of Music (Oxford).

(c) History (outline).

One hour per week, session.

Textbook: Finney, A History of Music (Harcourt-Brace); Stanford and Forsyth, A History of Music; Parrish and Ohl, Masterpieces of Music before 1750.

(d) Aural Training.

Development of a mental appreciation of scale degrees; recognition of intervals and simple rhythms; quality of tone.

One hour per week, session.

Textbook: Champagne, Solfege Pratique (Archambault).

Dean Douglas Clarke and Staff

DEPARTMENT OF ROMANCE LANGUAGES

NOTE:—For lists of textbooks used in French and Spanish courses, refer to the Announcement of the Faculty of Arts and Science.

FRENCH

Every lecture is given in French.

Both oral and written examinations are held on each year's work.

The oral examination counts for 50 per cent of the total mark.

1490 (Arts and Science French 12). (Ordinary)

1491 (Arts and Science French 11). (Advanced)

General survey of literature in the 18th and 19th centuries; French composition. Enrolment in French 1491 is restricted to students who have achieved first-class standing in French in their School Certificate or High School Leaving examinations.

3 hours per week, session. *Professor Hélène Larivière and Staff*

1492 (Arts and Science French 23). COMMERCIAL, INDUSTRIAL, AND SCIENTIFIC FRENCH.

Open to students who have passed French 1490, or 1491, or 1493, or its equivalent.

3 hours per week, session. *Professor Louis d'Hauteserve*

1493 (Arts and Science French 13). A special course for students not intending to continue French beyond the first year. General survey of French civilization. Readings in modern literature and composition.

3 hours per week, session. *Professor Louis d'Hauteserve and Staff*

SPANISH

1495 (Arts and Science Spanish 11).

Grammar; reading and dictation; oral exercises and composition.

3 hours per week, session. *Professor Robina E. Henry and Mr. G. F. Stegen*

DEPARTMENT OF ZOOLOGY

1410 (Arts and Science 11a). THE ANIMAL KINGDOM (Half Course). The nature and evolution of the animal world, with emphasis upon types, environments, adaptation, and evolutionary processes.

2 hours lectures and 2 hours laboratory per week, first term.

Professor N. J. Berrill

Textbooks: Hegner, College Zoology, 6th ed. (Macmillan); or Buchsbaum, Animals Without Backbones (Chicago U.P.)

1411 (Arts and Science 11b). MAN AND HIS EVOLUTION. The zoological history of man as a vertebrate animal; an elementary study of the structure and physiology of man, with a review of the evolutionary processes which have produced modern man.

2 hours lectures and 2 hours laboratory per week, second term.

Professor John Stanley

Textbook: Hegner, College Zoology, 6th ed. (Macmillan)

DEPARTMENT OF ELECTRICAL ENGINEERING

Professor	G. A. WALLACE, *Chairman*
Associate Professors	R. A. CHIPMAN
	F. S. HOWES
	W. H. SCHIPPEL
Lecturers	G. W. FARNELL
	T. J. F. PAVLASEK
Demonstrators	

THIRD YEAR

440. ELECTRICAL ENGINEERING. An introduction to Course 460.

2 lectures and 3 hours problems per week, second term.

Professor Wallace

Textbook: Gray and Wallace, Principles and Practice of Electrical Engineering (McGraw-Hill).

830. SUMMER ESSAY (see page 1443).

FOURTH YEAR

442. ELEMENTS OF ELECTRICAL ENGINEERING. Construction, principles of operation, and characteristic curves of both direct- and alternating-current generators and motors; single-phase, two-phase and three-phase machinery; direct-current and alternating-current transmission and distribution; transformers with star and delta connections; correction of power factor; rectifiers.

2 lectures per week, session.

Textbook: Gray and Wallace, Principles and Practice of Electrical Engineering (McGraw-Hill).

444. ELECTRICAL ENGINEERING LABORATORY. Operating characteristics of direct-current and of alternating-current generators and motors; transformers; circuits containing resistance, inductance, and capacitance: series and parallel resonance; power-factor correction.

3 hours per week, session.

460. ELECTRICAL ENGINEERING. Direct- and alternating-current flow in circuits, with an introduction to circuit analysis; review of the laws of electromagnetism and of electric and magnetic fields; theory and operating characteristics of direct-current machinery; principles of alternating-current machinery.

4 lectures per week, first term, 3 lectures per week, second term.

Professor Wallace

Textbook: Christie, Electrical Engineering (McGraw-Hill).

462. ELECTRICAL ENGINEERING LABORATORY. Operating characteristics of direct-current and alternating-current generators and motors and control devices; measurement of voltage, current, power, etc., in both direct- and alternating-current circuits; circuit characteristics.

6 hours laboratory and 6 hours problems per week, first term; 6 hours laboratory and 3 hours problems per week, second term.

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464. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 462, but 9 hours per week, first term, and 6 hours per week, second term.

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466. ELECTRON TUBES AND CIRCUITS. Theory and operating characteristics of high-vacuum and gas-filled tubes; applications to rectifiers, amplifiers, and oscillators; resonance phenomena and coupled-circuit theory.

2 lectures per week both terms, and 3 hours laboratory per week, second term. *Professor Chipman*

Textbook: Ryder, Electronic Fundamentals and Applications (Prentice Hall).

840. SUMMER ESSAY (see page 1443).

FIFTH YEAR

480. COMMUNICATION ENGINEERING (WIRE). Steady-state solution of uniform alternating-current transmission line; special terminations; velocity of propagation; transmission and insertion loss; reflection; hyperbolic functions of complex quantities; distortion and its control; loading of cable circuits; cut-off frequency; telephone repeaters; carrier telephony; modulation; side bands; demodulation; noise meter; T.I.F. meter; cross talk; co-ordinated transpositions; residual voltages and currents on power lines; transient inductive interference.

2 lectures per week, first term. *Professor Wallace*

481. INDUSTRIAL ELECTRICAL ENGINEERING. Electrical installations for buildings and plant; selection of electric motors and devices; manual and automatic control; standardization and the Canadian Electrical Code; underground cables and conduits.

2 lectures per week, first term. *Professor Schippel*

Reference book: Standard Handbook (McGraw-Hill).

482. ELECTRICAL DESIGN. Principles of design of direct-current generators and motors and of alternating-current generators, motors, and transformers; preparation of practical designs and determination of characteristics.

1 lecture and 3 hours problems per week, session. *Professor Schippel*

Textbook: Gray, Electrical Machine Design (McGraw-Hill).

483. ELECTRICAL DESIGN. Similar to Course 482, but given for students in the communications option.

1 lecture and 3 hours problems per week, first term. *Professor Schippel*

484. ELECTRICAL ENGINEERING. Theory and operating characteristics of alternating-current machinery; theory and operating characteristics of power transmission lines and systems; method of symmetrical components applied to the determination of unbalanced fault current in power systems.

4 lectures per week, session. *Professor Schippel*

Textbook: Christie, Electrical Engineering (McGraw-Hill).

484C. ELECTRICAL ENGINEERING. Similar to course 484 but reduced in the second term to 2 hours per week. *Professor Schippel*

485. ELECTRICAL ENGINEERING. First term only of Course 484.

4 lectures per week, first term. *Professor Schippel*

Textbook: Christie, Electrical Engineering (McGraw-Hill).

486. ELECTRICAL ENGINEERING LABORATORY AND PROBLEMS. Alternating-current generators; synchronous motors; induction motors; transformers; compensators; frequency and phase changing apparatus; potential regulators, saturable reactors, electronic rectifiers, timers, phototube control, and voltage regulators.

9 hours per week, first term; 12 hours per week, second term, power option.

487. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 486 but reduced in time to 3 hours per week, first term.

488. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 486 but 6 hours per week, session, and given for students in the communications option.

489. ELECTRICAL MEASUREMENTS AND LABORATORY. Units; absolute measurement of current and resistance; standard cells; direct-current potentiometers; primary standards of mutual and self inductance; methods of constructing bridges and of obtaining multiples and submultiples of primary standards; alternating-current bridges; shielding; detectors; alternating-current potentiometers; absolute measurement of capacitance; measurement of magnetic flux; instrument transformers; meters; photometry.

2 lectures per week, first term; 3 hours laboratory per week, power option first term, communications option second term.

Professor Wallace and Mr. Farnell

490. ELECTRICAL SERVICES. Production, measurement, and control of light; design of lighting systems; electrical distribution in residential and commercial buildings; Canadian Electrical Code. Given in alternate years.

2 lectures per week, second term. *Professors Wallace and Schippel*

491. INDUSTRIAL ELECTRONICS. The application of electron tubes to rectification, inversion, timers, relays, stroboscopes, line-voltage and motor-speed control and regulation, resistance welding, induction and electrostatic heating, industrial process control, etc.

2 lectures per week, second term. *Mr. Pavlasek*

Textbook: To be announced.

492. POWER CONTROL AND PROTECTION. Electrical power generating plant; distribution by radial feeders and networks; street lighting; circuit breaker operation; service continuity and relay protection; miscellaneous applications of electricity.

3 lectures per week, second term. *Professor Schippel*

Reference Book: Electrical Transmission and Distribution Reference Book (Westinghouse).

493. RADIO DESIGN. Design theory and calculations for class B and class C power amplifiers, phasing and matching networks, receiver circuits and simple directional antenna arrays.

1 hour lecture and 3 hours problems per week, first term.
Professor Howes

494. RADIO ENGINEERING. Radio communication theory and practice; radio-frequency amplifiers; modulation; demodulation; frequency-conversion; antennas; radiation and wave propagation.

2 lectures per week, session. *Professor Howes*

495. RADIO ENGINEERING LABORATORY. Radio-frequency amplifiers; studies of feed-back and cathode-follower amplifiers; adjustment and testing of power oscillators and radio receivers; measurement of modulation and distortion; study of demodulation; radio-frequency lines and filter networks; measurements on Lecher wires; impedance matching; loop and dipole antenna studies; acoustical measurements; theory and use of audio- and radio-frequency bridges and Q meter; micro-wave measurements.

6 hours per week, session. *Professor Howes and Mr. Pavlasek*

496. RADIO-FREQUENCY TRANSMISSION LINES AND WAVE GUIDES. The application of transmission-line theory to open-wire and coaxial radio-frequency lines; use of line sections as tuned-circuit elements and as components of

matching networks; measurement of complex impedances at ultra-high frequencies; theory and use of transmission-line charts; introduction to electromagnetic theory and properties of wave guides.

2 lectures per week, second term. *Professor Chipman*

497. APPLIED ACOUSTICS. General theory of sound waves; the wave equation; sound in pipes; impedance concept as applied in acoustics; theory and applications of sound filters; horns, exponential and conical; horn-type and cone-type loud speakers; impedance matching and sound distribution in public-address systems; microphones; reciprocity theorem as applied in acoustics; acoustic impedance measurements; reflection, refraction, transmission, and absorption of sound waves; room acoustics.

2 lectures per week, second term. *Professor Howes*

850. SUMMER ESSAY (see page 1443).

ENGINEERING PRACTICE

Lecturers in Engineering Practice D. F. COATES
J. M. WHITE
Lecturer in History of Science R. A. CHIPMAN
Lecturer in Oral English A. ROBERT GEORGE
Lecturer in Reports S. A. NEILSON

A series of related courses designed to acquaint the student with the background of his profession, its relation to others, and its place in society, with some consideration of matters not discussed in the professional courses.

SECOND YEAR

1510. HISTORY OF SCIENCE. Birth and development of the fundamental physical sciences, their relation to engineering, and the development of engineering as a profession.

1 lecture per week, first term. *Professor Chipman*

THIRD YEAR

1520. ENGINEERING REPORTS. Use of English, both oral and written, in engineering practice; mechanics of presentation; graphical representation; reproduction method.

1 lecture per week, session. *Dr. George and Professor Neilson*

FOURTH YEAR

1530. ENGINEERING REPORTS. Continuation of Course 1520.

1 lecture per week, session. *Dr. George and Professor Neilson*

1531. ENGINEERING PRACTICE I. Finance of engineering projects and industrial plant; sources of capital; interest rates; comparison of alternate structures; replacement problems; depreciation; effects of taxation. Industrial production costs; operating problems. Sales demand; price determination; price and non-price competition; rate setting and valuation; profit.

2 lectures per week, second term. *Professor White and Mr. Coates*

Textbooks: To be announced.

FIFTH YEAR

1541. ENGINEERING PRACTICE II. Continuation of Course 1531.

2 lectures per week, first term. *Mr. Coates*

Reference Books: Alt and Bradford, Business Economics (Irwin); Boulding, Economic Analysis (Harper); Dean, Managerial Economics (Prentice-Hall); Grant, Principles of Engineering Economy (Ronald); Specthrie, Industrial Accounting (Prentice-Hall).

DEPARTMENT OF ENGLISH

Professors	G. I. DUTHIE, *Chairman* H. G. FILES
Associate Professors	JOYCE HEMLOW HUGH MACLENNAN
Assistant Professors	CONSTANCE BERESFORD-HOWE STEPHEN W. PORTER S. ERNEST SPROTT
Lecturers	LOUIS DUDEK KATHLEEN M. FRICKER HUGH A. MCPHERSON WINIFRED I. POTTER
Assistant	MARGERY E. SIMPSON

1440. ENGLISH LITERATURE AND COMPOSITION. This course includes the material of English 100, 100C, and 150 in the Faculty of Arts and Science. English 100 is a Literature course; English 100C and 150 are Composition courses. For fuller descriptions of these courses see the Faculty of Arts and Science Announcement under Department of English.

For Engineering 1440 the normal requirement is Arts and Science 100 plus 100C. This involves four hours a week of lectures and conferences throughout the session.

At the beginning of the session students will be required to take a test in Composition. Those who achieve a high standard in this test will be exempted from 100C. Those who, while not thus exempted, attain a high standard in the work of the first term will be exempted from further attendance at 100C at the beginning of the second term.

Students whose native tongue is not English, and whose proficiency in the use of English is not such, in the opinion of the Department, as to enable them to profit adequately from 100C, will be directed to substitute 150 for 100C, or part of 150 for part of 100C.

Professor Duthie, Miss Fricker, and other Members of the Department

DEPARTMENT OF GEOLOGICAL SCIENCES

Professors	T. H. CLARK, *Chairman*
	J. E. GILL
	E. H. KRANCK
Associate Professor	J. S. STEVENSON
Assistant Professors	J. E. RIDDELL
	V. A. SAULL
	C. W. STEARN

THIRD YEAR

1122 (Arts and Science 121). GENERAL GEOLOGY. The earth and the solar system; minerals and rocks composing the earth: erosive forces (weather, wind, rivers, waves, etc.) modifying its surface, and deformative processes (temperature changes, compression, etc.) affecting its subsurface structure; the origin and historical development of the earth and of living things. The economic aspects of all phases of the subject are treated throughout the course.

2 lectures and 2 hours laboratory per week, session. During October the laboratory work is replaced by field excursions. *Professor Clark*

Textbook: Longwell, Knopf, and Flint, Physical Geology (Wiley), ed. 1948.

1124 (Arts and Science 221). MINERALOGY. Lectures: crystallography; physical properties and chemical composition of minerals; the more important ore-minerals, industrial minerals, rock-forming minerals, uses and sources of supply of economic minerals. Laboratory: methods for the determination of the constituents of minerals by blowpipe analysis and by related chemical tests; application of these plus physical characters in the identification of minerals.

2 lectures and 3 hours laboratory per week, session. *Professor Stevenson*

Text: Dana (Hurlbut) Manual of Mineralogy (Wiley.)

FOURTH YEAR

1142 (Arts and Science 221). MINERALOGY. Same as Course 1124 except for laboratory.

2 lectures per week, session and 3 hours laboratory per week, first term. *Professor Stevenson*

1144 (Arts and Science 332a). PETROLOGY. The common igneous, sedimentary, and metamorphic rocks; modes of occurrence; identification by field methods.

2 lectures and 3 hours laboratory per week, first term. *Professor Kranck*

Textbook: G. W. Tyrrell, The Principles of Petrology, 1949 ed.

1145 FIELD GEOLOGY. Surface and underground geological field survey methods. Preparation of geological maps, sections, models and reports from field notes, diagrams, aerial photographs, etc.

First term: 1 lecture and 3 hours laboratory per week. During the first 6 weeks the laboratory work is replaced by field work. *Professor Riddell*

Reference books: Lahee, Field Geology (McGraw-Hill); McKinstry, Mining Geology (Prentice-Hall).

1146 (Arts and Science 232b). STRUCTURAL GEOLOGY. A systematic survey of rock structures, their origins and practical importance.

2 lectures and 3 hours laboratory per week, second term. *Professor Gill*

Textbook: Billings, Structural Geology (Prentice-Hall).

1148 (Arts and Science 333b). PETROGRAPHY. The examination and identification of rock minerals and rocks by means of the petrographic microscope.

2 lectures and 1 laboratory period per week, second term. *Professor Kranck*

Textbook: Rogers and Kerr, Optical Mineralogy.

FIFTH YEAR

1160 (Arts and Science 442b). GEOLOGY AND NATURAL RESOURCES OF CANADA. A systematic survey of the surface features, soils, bedrock geology, mineral resources, forests, water powers, and other resources of Canada. Maps and photographs are used to illustrate the course.

2 lectures and 3 hours laboratory per week, second term. *Professor Riddell*

1162 (Arts and Science 441). ORE DEPOSITS. Nature, origin, mode of occurrence and classification of deposits of metallic and non-metallic minerals; typical occurrences; geographical distribution.

2 lectures and 3 hours laboratory per week, session. *Professor Gill*

Textbook: Bateman, Economic Mineral Deposits (Wiley).

LAW

FIFTH YEAR

1470. ENGINEERING LAW. Definition of law; different branches of law; distinction between civil and criminal law and between civil and common law; statutes, orders in council, and by-laws; Canadian constitutional law and organization of courts; civil law including marriage, tutorship, minority, and interdiction, types of property, rights of ownership, successions, wills and succession duties; expropriation and servitudes; contracts generally; responsibility for negligence; Workmen's Compensation Act; privileges, hypothecs, registration, and prescription; marriage contracts and rights of women; sale and lease and hire; engineering and architectural contracts; responsibility of architect and builder; organization of engineering and architectural professions; patents, trademarks, industrial design and copyright; partnership and companies; mining; railways; expert evidence and evidence generally.

2 lectures per week, first term. *Hon. Mr. Justice G. S. Challies*

DEPARTMENT OF MATHEMATICS

Professors HERBERT TATE, *Chairman*
P. R. WALLACE
W. L. G. WILLIAMS
HANS ZASSENHAUS

Associate Professors HYMAN KAUFMAN
EDWARD ROSENTHALL
C. D. SOLIN

Assistant Professors J. D. JACKSON
JOACHIM LAMBEK
T. F. MORRIS

Lecturers
M. D. BURROW
P. L. BUTZER
SAMUEL MELAMED
NORMAN OLER
R. A. PATTERSON
H. D. SCHIFF

FIRST YEAR

1200 (Arts and Science 111). TRIGONOMETRY, ALGEBRA, AND ANALYTICAL GEOMETRY.

Plane Trigonometry. Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformations of sums and products, logarithmic solution of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

Algebra. Variation, progressions, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

Analytic Geometry. The analytic geometry of the straight line and circle.

3 lectures per week, session. *Staff*

Textbook: H. Tate, Elementary Mathematical Analysis (Pitman).

1202. ENGINEERING PROBLEMS. Problems and exercises in practical computations on course 1200 involving the slide rule, logarithms, approximations, graphs, etc.

2 hours per week, session. *Staff*

SECOND YEAR

1220. ALGEBRA. Complex numbers, remainder theorem, partial fractions, interest, annuities, sinking funds, depreciation, valuation of mining property, bonds.

2 lectures per week, first term. *Staff*

Textbook: T. S. Peterson, College Algebra (Harper).

1222. ANALYTIC GEOMETRY. Conic sections and their simple properties, introduction to three-dimensional analytic geometry, polar co-ordinates, parametric representation with applications to some elementary notions in statistics such as averages, standard deviation, coefficients of variation and correlation, determination of lines of best fit.

2 lectures per week, session. *Staff*

Textbook: Robin Robinson, Analytical Geometry (McGraw-Hill).

1224. CALCULUS. Functional notation; limits; differentiation of elementary functions; maxima and minima; geometric applications; differentials; integration of standard functions; definite integrals; geometrical and physical applications.

3 lectures per week, session. *Professor Kaufman and Staff*

Textbook: J. N. Michie, Differential and Integral Calculus (Van Nostrand).

1226. MENSURATION AND SPHERICAL TRIGONOMETRY. Simple geometrical properties of lines, planes, and spheres; solid angles, dihedral angles and spherical triangles; the mensuration of the simpler rectilinear solids, cylinders, cones, and spheres. The sine and cosine laws, half-angle formulae, Napier's analogies, solution of oblique triangles, applications to astronavigation, Napier's rule of circular parts for right-angled triangles, law of species, solution of right-angled triangles.

2 lectures per week, second term. *Staff*

Textbooks: R. Brink, Spherical Trigonometry (Appleton); Kern and Bland, Solid Mensuration (Wiley).

THIRD YEAR

1240. ADVANCED CALCULUS (Arts and Science 333). Partial differentiation, Jacobians and implicit functions, mean value theorems and Taylor series, indeterminate forms, line integrals, Green's and Stokes's theorems, definition of analytic functions of a complex variable, poles and residues, evaluation of definite integrals, the Gamma function and related definite integrals, vectors.

3 lectures per week, session. *Professor Rosenthall*

Text: Franklin, *Methods of Advanced Calculus* (McGraw-Hill).

1242. CALCULUS. Curvature; partial differentiation; double and triple integrals with application to volumes, moments of inertia, etc.; Taylor's theorem; exponential and logarithmic series; hyperbolic functions; vectors.

2 lectures per week, session. *Professor Rosenthall and Staff*

Textbook: J. N. Michie, Differential and Integral Calculus (Van Nostrand).

1246. VECTOR METHODS AND NOMOGRAPHY. Algebra of vectors, scalar and vector product of two vectors, multiple products, differentiation of vectors with applications to geometry and elementary mechanics, nomography.

1 lecture per week, session. *Mr. Burrow*

Texts: G. Coffin, *Vector Analysis* (Wiley).

FOURTH YEAR

1260. DIFFERENTIAL EQUATIONS. Ordinary differential equations; methods of solution; elementary functions in complex variables; linear differential equations; especially with constant coefficients; vibration and electric circuit problems; setting up equations; solution by series and introduction to partial differential equations.

2 lectures per week, session. *Professors Kaufman and Jackson*

Textbook: Kells, Elementary Differential Equations (McGraw-Hill).

1264. THEORY OF FUNCTIONS AND ADVANCED DIFFERENTIAL EQUATIONS. Conformal mapping; properties of analytic functions; residues; Cauchy's theorem; contour integrals; applications to ordinary and partial differential equations.

1 lecture and 1 hour problems, session. *Professor Rosenthall*

Textbook: R. V. Churchill, Introduction to Complex Variables and Applications (McGraw-Hill).

1268 (Arts and Science 331). STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS. (Same as Course 1368.)

(a) Dynamics of a particle in one and two dimensions; motion of pair of particles; dynamics of rigid bodies; mass systems.

3 lectures per week, first term. *Professor F. R. Terroux*

(b) Central orbits and scattering problems. Lagrangian and Hamiltonian equations. Rotations. Motion of rigid bodies, principal axes and moments of inertia. Normal modes of vibration and characteristic frequencies of oscillating systems, with applications to atomic and molecular physics.

3 lectures per week, second term. *Professor Wallace*

Textbooks: (a) Lamb, Statics (C.U.P.); Lamb, Dynamics (C.U.P.); (b) Slater and Frank, Mechanics (McGraw-Hill).

Reference books: Goldstein, Classical Mechanics, (Addison Wesley); Corben and Stehle, Mechanics (Wiley).

FIFTH YEAR

1290 (Arts and Science 441). MATHEMATICAL PHYSICS. (Same as Course 1390.) Vibration problems, eigenfunctions and eigenvalues, sound waves, scattering problems. Fourier transforms and application to problems of heat conduction and diffusion. Introduction to relativity and wave mechanics. Twelve lectures on topics arising in spectroscopy and nuclear physics will be given by Professor Foster.

3 hours per week, session. *Professors Wallace and J. S. Foster*

Textbooks: Lindsay, Concepts and Methods of Theoretical Physics (Van Nostrand); Joos, Theoretical Physics (Blackie).

DEPARTMENT OF MECHANICAL ENGINEERING

Professor	C. A. ROBB, *Chairman (retires 1953)*
	D. L. MORDELL
Associate Professors	WILLIAM BRUCE
	A. R. EDIS
	J. M. WHITE
Assistant Professor	B. C. GLYNN
Lecturers	W. F. BUCHERER
	J. C. CHERNA
	J. A. GOLINSKI
	THEODOR LIN
	RUDOLF PUTNAERGLIS

Lecturers (part-time)	P. V. Covo
	M. M. Fainstat
	Edward Juricek
	A. G. Lane
	Seymour Levine
	L. C. Matsas
	J. T. Rogers
	G. S. Sproule
	J. D. Waller
Demonstrators	———
Shop Instructor	F. G. Corrick

FIRST YEAR

511. MECHANICAL DRAWING. Use of instruments; lettering; inking technique; applied geometry; dimension practices; multiplane orthographic views; technical sketching.

3 hours per week, session. *Professor Glynn*

Textbook: French, Engineering Drawing, 7th ed. (McGraw-Hill)

SECOND YEAR

521. MECHANICAL DRAWING (Continuation of course 511). Detail working drawings; sections; auxiliary views; developments and intersections of surfaces; dimensioning of working drawings; conventional practices; pictorial projections; working sketches; screw-thread representation.

3 hours per week, session. *Professor Glynn*

Textbook: French, Engineering Drawing, 7th ed. (McGraw-Hill)

522. DESCRIPTIVE GEOMETRY. Fundamentals of orthographic projection; characteristics of lines and planes; plane figures and solids; auxiliary projections; analytical solutions; dihedral angles; solutions on cones; structural and piping problems.

1 lecture and 2 hours drafting room per week, session. *Professor Glynn*

THIRD YEAR

540. MECHANICAL DRAWING (Half of Course 541).

3 hours per week, first term. *Professor Glynn*

Textbook: French, Engineering Drawing, 7th ed. (McGraw-Hill)

541. MECHANICAL DRAWING. Detail working drawings from assembly layouts. Assembly drawings from sets of details. Assembly drawing technique, bills of materials, sub-assemblies. Tolerances and limit dimensions,

welding symbols, etc. Sheet metal formed parts and faired bodies. Structural draughting practices and piping layouts.

3 hours per week, session. *Professor Glynn*

Textbook: French, Engineering Drawing, 7th ed. (McGraw-Hill)

542. MECHANICS OF MACHINES. Constrained motion; instant centers; centrodes; analysis and classification of simple mechanisms, including the quadric-crank, the slider-crank, and wheel trains; design of involute gear teeth; belts and flexible couplings; cam design.

1 lecture, 3 hours problems per week, second term. *Mr. Cherna*

Reference books: Ham and Crane, Mechanics of Machinery (McGraw-Hill); Guillet, Kinematics of Machines (Wiley).

830. SUMMER ESSAY (see page 1443).

FOURTH YEAR

560. ACCOUNTING. General accounting principles and practice; financial statements; balance sheet; profit and loss statement: interpretation of statements; cost accounting; job-lot and process cost systems; costing points; by-product and joint costs; differential costs; cost estimating.

1 lecture and 3 hours problems per week, session. *Professor White*

Textbook: Specthrie, Industrial Accounting (Prentice Hall).

561. INDUSTRIAL ENGINEERING. Rise of modern industry; the industrial revolution; mechanization, standardization and specialization in industry; forms of ownership; organization, location and layout of industrial plants; purchasing; stores keeping; inspection; the rise of industrial management; managerial control.

2 lectures per week, first term. *Professor White*

562. MACHINE DESIGN. This course shows the application of the theory of strength of materials to the design of machine elements: principles of rational design; stresses in elementary machine members; shafts; helical springs; bearings; fastenings; centrifugal loading; metal fits; empirical factors in design.

2 lectures per week, session. *Mr. Lane*

Reference books: Vallance and Doughtie, Design of Machine Members (McGraw-Hill); Black, Machine Design (McGraw-Hill); Spotts, Design of Machine Elements (Prentice-Hall).

563. MACHINE SHOP. Lathe work; marking off; centering; turning and boring; filing; grinding; screw cutting; differential indexing.

3 hours per week, session. *Mr. Corrick*

564. MECHANICS OF MACHINES. Mechanics of reciprocating engines—crank-effort diagrams, flywheel calculations, shaking-force diagrams and engine balancing; functions and dynamics of governors, mechanical and hydraulic; simple valves and valve diagrams; friction and lubrication.

2 lectures and 1 hour problems per week, session. *Mr. Levine*

Reference book: Ham and Crane, Mechanics of Machinery (McGraw-Hill).

565. ELEMENTARY DESIGNING, Elementary design problems involving the application of strength of materials to the design of machine elements. A project covers layout, foundations, detail, and assembly drawings and elementary design computations.

3 hours per week, session. *Mr. Covo*

Reference books: Marks, Mechanical Engineers Handbook (McGraw-Hill) *or* Kent, Mechanical Engineers Handbook—Design and Shop Practice, Volume III (Wiley).

566. MECHANICAL ENGINEERING. Elementary thermodynamics; properties of steam; fuels and combustion; steam power plants; steam generators, types, design, rating and efficiency; heat reclaiming devices; superheaters; fuel burning equipment; pulverized coal systems; draft; condensers; pumps; reciprocating steam engines; steam turbines; internal combustion engines; gas turbines; fans, blowers and compressors.

2 lectures per week, session. *Professor Bruce*

Reference books: Solberg, Cromer and Spalding, Elementary Heat Power (Wiley); Allen and Bursley, Heat Engines (McGraw-Hill); MacNaughton, Elementary Steam Power Engineering (Wiley); Faires, Theory and Practice of Heat Engines (Macmillan).

567. MECHANICAL ENGINEERING. First half of Course 566.

2 lectures per week, first term. *Professor Bruce*

568. MECHANICAL ENGINEERING. This course serves as an introduction to the fourth year course in power plant design. The content is similar to that of Course 566, with greater emphasis on power plant engineering practice. Illustrative problems are solved by the student during a weekly problem period.

2 lectures and 1 hour problems per week, session. *Professor Robb*

Textbook: MacNaughton, Elementary Steam Power Engineering (Wiley).

Reference books: Solberg, Cromer, and Spalding, Elementary Heat Power (Wiley); Allen and Bursley, Heat Engines (McGraw-Hill).

569. MECHANICAL ENGINEERING LABORATORY. Testing, calibration, and use of indicators, brakes, and other instruments; properties of lubricants; tests of economy and performance of steam engine, boiler, oil engines, air compressor, steam pump and steam turbine; heat emission from steam radiator; heat loss from lagged steam pipe; proximate analysis and calorific value of coal; flue-gas analysis; combustion calculations.

3 hours per week, session. *Mr. Cherna*

Reference books: Diederichs and Andrae, Experimental Engineering (Wiley); Shoop and Tuve, Mechanical Engineering Practice (McGraw-Hill).

570. THERMODYNAMICS. General laws and equations; properties of gases and vapours; the Carnot principle; the concept of entropy; applications to steam engines, steam turbines, internal combustion engines, gas turbines, gas compressors, and mechanical refrigeration.

2 lectures per week, session. *Professor Bruce*

Reference books: V. W. and G. A. Young, Elementary Engineering Thermodynamics (McGraw-Hill); Faires, Applied Thermodynamics (Macmillan); Keenan and Keyes, Properties of Steam (Wiley).

572. SUMMER SCHOOL. Elementary machine shop practice; bench work; lathe work; demonstrations of drilling, shaping, and milling operations.

Mr. Corrick

574. SUMMER SCHOOL. Drawing of machine elements; sketching, detailing, tracing. *Professors Edis and Glynn*

Textbook: French, Engineering Drawing (McGraw-Hill).

Courses 572 and 574 together occupy four weeks in September preceding the fourth year.

840. SUMMER ESSAY (see page 1443).

FIFTH YEAR

580. APPLIED GAS DYNAMICS. Principles of similarity applied to fluid flow; Reynolds and Mach numbers; the flow of a compressible fluid; nozzle and duct design; vortex flows and their application to flow in an annulus; general theory of turbo machinery and application to the design of steam and gas turbines, axial and centrifugal compressors.

1 lecture per week, session. *Professor Mordell*

Reference books: Dodge and Thomson, Fluid Mechanics (McGraw-Hill); Prandtl, Physics of Solids and Fluids (Blackie); Church, Steam Turbines (McGraw-Hill).

581. DESIGNING. Design projects covering analysis, layout and design of a complete machine, sub-assemblies and details of individual parts. Introduction to general engineering office practice and routine.

1 lecture and 2 hours drafting per week, session. *Professor Edis*

Reference books: Norman, Ault and Zarobsky, Fundamentals of Machine Design (Macmillan); Marks, Mechanical Engineers Handbook (McGraw-Hill) or Kent, Mechanical Engineers Handbook—Design and Shop Practice, Volume III (Wiley).

582. EXPERIMENTAL ENGINEERING. Calibration and use of instruments; measurement of pressure, of temperature, and of power; test methods; test techniques and methods of expressing results; graphical representation and errors.

1 lecture per week, session. *Professor Mordell*

Reference book: Diederichs and Andrae, Experimental Engineering (Wiley).

583. HEATING AND VENTILATION OF BUILDINGS. Heat loss from buildings; radiation, conduction, and convection; heat insulating materials, radiators, convectors, panel heating, and unit heaters; distribution systems; air, steam, and hot water furnaces; fuels; heating load and requirements; properties of air; effective temperature; low temperature radiation; air conditioning, filters, washers, and humidifiers; cooling; fans; automatic control.

1 lecture per week, session, and 3 hours laboratory per week, second term. *Mr. Fainstat*

Reference books: Allen and Walker, Heating and Air Conditioning (McGraw-Hill), Severns and Fellows, Heating, Ventilating, and Air-Conditioning Fundamentals (Wiley).

584. INDUSTRIAL ADMINISTRATION. Principles of industrial management and organization; problems of control; budgeting. Discussions of each department in a well-rounded organization, bringing out the function of each and its organization and place in the whole, with emphasis on the work of the engineering, industrial relations, and production departments. The problem period is devoted to working case problems in management.

1 lecture and 3 hours problems, second term. *Professor White*

Textbook: Cornell, Organization and Management (Ronald Press).

585. INDUSTRIAL ENGINEERING. Plant design; plant layouts; lighting, heating, and ventilation; material handling; time and motion studies; wage incentive systems; work simplification; product development and research; statistical quality control; classification and symbolization; industrial safety. Visits are made to nearby plants and problems of a practical nature are solved.

2 lectures and 3 hours problems per week, session. *Professor White*

586. INDUSTRIAL RELATIONS. Problems of modern industrial conditions; wages and incentives; job evaluation; service rating; training and education; joint relations; collective bargaining; workers' security; recreation; industrial legislation; research; organization; personnel policy.

2 lectures per week, first term. *Professor H. D. Woods*

Textbook: Watkins and Dodd, Management of Labor Relations (McGraw-Hill).

References: From current literature.

587. MACHINE DESIGN. Design of machine elements—bearings, cylinders, crankshafts, connecting rods, pistons, fly-wheels; power transmissions—chain and gear drives, belts; curved beams; flat plates, thick cylinders and tubes. Introduction to theories of elastic failure, deformation beyond elastic limit, shrink fits, and multiple cylinder construction.

2 lectures per week, session. *Professor Edis*

Reference books: Norman, Ault and Zarobsky, Fundamentals of Machine Design (Macmillan); Vallance and Doughtie, Design of Machine Members (McGraw-Hill).

588. MACHINE SHOP. Exercises on lathe, planer, slotter, shaper, and miller; gear cutting; grinding.

3 hours per week, session. *Mr. Corrick*

589. MECHANICAL ENGINEERING LABORATORY. Investigation and tests of steam boilers, internal-combustion engines, air compressors, rotary, and vacuum pumps; analysis of solid fuels; heat transmission and insulation; measurement of fluid flow, especially of gases.

6 hours per week, session. *Professor Bruce*

Reference Books: Diederichs and Andrae, Experimental Mechanical Engineering, Volume I (Wiley); Shoop and Tuve, Mechanical Engineering Practice (Macmillan).

590. MECHANICS OF MACHINES

(a) Elementary vibration problems.

2 lectures and 1 hour problems per week, first term. *Mr. Rogers*

(b) Fundamentals of aerodynamics; aircraft force coefficients and inertia load factors; experimental methods; circulation and Prandtl wing theory; equilibrium equations; development and graphical analysis of the performance equation.

2 hour lectures and 1 hour problems, second term. *Mr. Rogers*

Textbook: Millikan, Aerodynamics of the Airplane (Wiley).

591. POWER PLANT DESIGN. Turbine heat balance and power plant calculations; arrangement, design, and operation of steam and internal-combustion power plants; requirements for light, heat, and power distribution.

1 lecture and 3 hours problems per week, session. *Professor Robb*

References: Gaffert, Steam Power Stations (McGraw-Hill); Harding, Steam Power Plant Engineering (Wiley); Morse, Power Plant Engineering and Design (Van Nostrand).

592. THERMODYNAMICS. Principle of the increase of entropy and unavailable energy; properties of working substances; general energy equation for steady flow; steam power cycles; the reciprocating steam engine; internal combustion cycles; factors preventing the realization of theoretical performance in the Otto and Diesel engines; factors affecting the performance of gas turbines; refrigerating machines and heat pumps.

2 lectures per week, session. *Professor Mordell*

Textbook: Lichty, Thermodynamics, (McGraw-Hill).

850. SUMMER ESSAY (see page 1443).

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

Graduate courses are offered in Mechanical Engineering. For particulars of these and qualifications for entering the Graduate Faculty, see the Announcement of the Faculty of Graduate Studies and Research.

DEPARTMENT OF METALLURGICAL ENGINEERING

Professor	J. U. MACEWAN, *Chairman*
Associate Professor (post-retirement)	G. S. SPROULE
Assistant Professors	H. H. YATES
	JOSEPH VERSTEEG

THIRD YEAR

643. METALLURGICAL PROBLEMS AND LABORATORY. Materials balances for smelting and refining operations. Problems and practice in fire assaying.

1 lecture per week, session, 2 hours laboratory, first term; 3 hours laboratory second term. *Professor MacEwan*

830. SUMMER ESSAY (see page 1443).

FOURTH YEAR

660. METALLURGICAL ANALYSIS. Instruction and practice in commercial methods of analysis of metallurgical materials and products.

3 hours per week, first term. *Professor MacEwan*

663. METALLURGICAL LABORATORY. Use of the metallographic microscope, preparation of specimens for examination, metallography of iron and steel, photographic technique, heat treatment of steel.

3 hours per week, second term. *Professor Versteeg*

Textbook: Kehl, Principles of Metallographic Laboratory Practice (McGraw-Hill).

664. METALLURGICAL PROBLEMS. The gas laws, combustion problems, coke and gas manufacture; problems dealing with the application of thermodynamic principles to metallurgical operations.

2 hours per week, session. *Professor Yates*

666. METALLURGY OF IRON AND STEEL. An introduction to physical metallurgy with particular reference to iron and steel, fabrication of steels, theory and practice of heat-treatment, applications of iron and steel in industry.

1 lecture per week, session. *Professor Sproule*

Reference books: Coonan, Principles of Physical Metallurgy (Harper & Bros.); Lord, Alloy Systems (Pitman); Williams and Homerberg, Introduction to Metallography (McGraw-Hill); Samans, Engineering Metals and Alloys (Macmillan).

670. PHYSICAL METALLURGY. Review of ferrous metallurgy; introduction to non-ferrous alloys; theory of alloys; theory and practice of heat-treating; use of furnaces, pyrometers, and testing equipment.

1 lecture and 2 hours laboratory per week, first term. *Staff*

Reference books: As for Course 666.

840. SUMMER ESSAY (see page 1443).

FIFTH YEAR

680. METALLURGICAL UNIT OPERATIONS. Study of unit operations as exist in metallurgical engineering, and based on thermodynamics. The topics covered will include fluid flow, heat transfer, chemical equilibria, diffusion; assigned problems.

2 hours lectures and 1 hour problems per week, session. *Professor Versteeg*

681. METALLURGICAL LABORATORY. Experiments in pyrometry, heat-treatment, metal refining, metallography, metal working, alloy preparation, fluid flow.

3 hours laboratory per week, session. *Staff*

683. HYDROMETALLURGY. Chemical kinetics, colloid chemistry, electrochemistry and the phase rule; applications of these principles to hydrometallurgical and electrometallurgical processes.

3 lectures and 1 hour problems per week, session. *Professor Yates*

Reference books: See Course 686.

684. EXTRACTIVE METALLURGY. Application of the principles of physical chemistry to metallurgical processes used in the recovery and refining of metals. Various standard processes will be studied and these studies will be augmented by the solution of problems.

2 hours lectures and 2 hours problems per week, session.

Professor MacEwan

Reference books: See Course 686.

686. GENERAL METALLURGY. Physical metallurgy of non-ferrous metals and alloys; their uses in industry; basic principle of roasting, smelting, refining, and hydrometallurgical processes.

2 lectures per week, session. *Professor MacEwan*

Reference books: The Departmental Library has numerous texts, reference books, and periodicals, which are available to students.

688. METALLURGICAL COLLOQUIUM. Students are required to present detailed papers on selected metallurgical topics. This is followed by a discussion period.

1 hour per week, second term. *Staff*

690. METALLURGICAL DESIGN. Design of simple furnaces; materials balances and heat balances in standard processes.

3 hours problems per week, second term. *Professor MacEwan*

692. METALLURGICAL THESIS. Students choose or are assigned subjects for investigation. They are expected to show initiative in studying relevant literature, laying out their experimental program, setting up apparatus, correlating results, and preparing a report.

3 hours per week, first term, 6 hours per week, second term. *Staff*

Reference books: See Course 686.

694. PHYSICAL METALLURGY. The subject matter will include crystallography, x-ray diffraction; metal and alloy structures; plastic deformation, slip theories, cold work, recrystallization; age-hardening, heat-treatment; and assigned problems.

2 hours lectures and 1 hour problems per week, session. *Professor Versteeg*

Reference books: See Course 686.

850. SUMMER ESSAY (see page 1443).

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

Graduate Courses are offered in Extractive Metallurgy, Electrometallurgy, and Physical Metallurgy. For particulars of these and qualifications for entering the Graduate Faculty, see the Announcement of the Faculty of Graduate Studies and Research.

RESEARCH FELLOWSHIP IN THE DEPARTMENT OF METALLURGICAL ENGINEERING

There is one endowed research fellowship in the Department. This is awarded to a graduate of the Department who shows particular aptitude for advanced work, and is held in the Faculty of Graduate Studies and Research. Graduates of other universities are admitted to this Faculty, if qualified, but are not eligible for the fellowship mentioned.

DEPARTMENT OF MINING ENGINEERING

Professor	R. G. K. MORRISON, *Chairman*
Associate Professor	J. S. GODARD
Assistant Professor	TALAT SALMAN
Douglas Fellow	_____
Harrington Fellow	_____

THIRD YEAR

740. MINING. An introductory course dealing with the historical background of the mining industry.

1 lecture per week, second term *Staff*

830. SUMMER ESSAY (see page 1443).

FOURTH YEAR

760. MINE MAPPING. Calculation of mine survey notes using logarithms, traverse tables, and a calculating machine; calculating and mapping of a complete mine survey; drawing composite level plans; sections.

3 hours per week, second term. *Professor Salman*

761. MINE SURVEYING. The plane table and its adjustments; the three-point problem; mine surveying; the auxiliary telescope; shaft plumbing; underground traversing; stope surveys; underground curves; borehole surveys; the Brunton compass.

2 lectures per week, first term. *Professor Salman*

Textbook: Staley, Introduction to Mine Surveying (Stanford Univ. Press).

762. MINING ENGINEERING I

(a) General mining methods: underground mining, metalliferous and coal; placer mining: quarrying; open pit mining.

2 lectures per week first term. *Professor Morrison*

(b) Sampling methods and the estimation of ore reserves; mine valuation and taxation; Canadian and world mineral production.

2 lectures per week second term. *Professor Morrison*

While parts (a) and (b) are required for students in Mining Engineering, either or both parts may be taken by interested students in other departments.

Reference books: Peele, Mining Engineers' Handbook (Wiley); Lewis, Elements of Mining (Wiley); Young, Elements of Mining (McGraw-Hill); Jones and Hunt, Coal Mining (Pennsylvania State College); current literature.

764. SUMMER SCHOOL. Normally this school is held for two to three weeks immediately after the close of the fourth year. It consists of an inspection trip to the mines and plants of some important district, and serves to acquaint the student with engineering methods as applied to the mining industry. This is considered a part of the fifth year curriculum.

766. SUMMER SCHOOL (Fire Assaying). Procedures used in the fire assay of ores and of processed materials, for precious metals, with emphasis on the underlying theory; instruction in practical assaying.

Two weeks' summer school. *Professors Godard and Salman*

Reference books: Smith, Sampling and Assay of the Precious Metals (Griffin); Fulton and Sharwood, Manual of Fire Assaying (McGraw-Hill); Bugbee, Textbook of Fire Assaying (Wiley); Shepard and Dietrich, Fire Assaying (McGraw-Hill).

768. MINERAL DRESSING. Preparation of ores for treatment; mechanical methods of concentration; crushing; grinding; sizing; gravity concentration; agitation; leaching, thickening; filtration; beneficiation of coal.

1 lecture and 3 hours laboratory per week, session. *Professor Godard*

770. ORE ANALYSIS. Technical methods of analysis of ores and mill products.

3 hours laboratory per week, second term.

Professors Godard and Salman

840. SUMMER ESSAY (see page 1443).

FIFTH YEAR

782. MINE DESIGN. Ore reserve calculations, evaluation, and recommendations for taking over and putting a given property into operation; underground work; surface plant and mill.

5 hours problems per week, session. *Professor Morrison*

Reference books: As for Course 762, and also Baxter and Parks, Mine Examination and Valuation (Finnish Lutheran Book Concern); Truscott, Mine Economics (Mining Publications Ltd).

784. MINE FINANCE AND COST CONTROL. Company law and the incorporation of mining companies; provision of capital; payroll accounts and workmen's compensation; cost accounts; direct costs; distributable costs; comparative costs and cost control; amortization, depreciation and depletion; taxes on mines; profit and loss statements and balance sheets.

2 lectures per week, second term. *Mr. G. B. A. Hall*

786. MINING COLLOQUIUM. Students prepare and deliver a lecture on a subject.

1 hour per week, second term. *Professor Morrison*

788. MINING ENGINEERING II.

(a) Explosives; rock excavation; haulage and hoisting; pumping and drainage; compressed air.

2 lectures per week first term. *Professor Morrison*

(b) Deep Mining; ground pressure and support; sequence of stoping; temperature; ventilation.

2 lectures per week second term. *Professor Morrison*

(c) The engineer and management.

1 lecture per week, second term. *Professor Morrison*

While parts (a), (b), and (c) are required for students in Mining Engineering, any or all parts may be taken by interested students in other departments.

Reference books: As for Courses 762.

790. MINING ENGINEERING PROBLEMS. Calculations in combustion, costs, ventilation, haulage, mine drainage, and other mine plant problems.

2 hours per week, session. *Professors Morrison and Salman*

792. ORE ANALYSIS. Technical methods of analysis of ores and mill products.

3 hours laboratory per week, first term. *Professor Godard*

797. MINERAL DRESSING. Cyanidation, floatation, and milling calculations; laboratory work will cover screening, settling, agitation, filtration, jigging, tabling, cyanidation, and flotation.

2 lectures per week, and 3 hours laboratory, first term. *Professor Godard*

798. MINERAL DRESSING. Investigation into the treatment of ores; chemical analyses; flow sheets from these investigations.

1 lecture per week and 3 hours laboratory, second term. *Professor Godard*

850. SUMMER ESSAY (see page 1443).

RESEARCH FELLOWSHIPS IN THE DEPARTMENT OF MINING ENGINEERING

There are two endowed research fellowships in the Department. These are awarded to graduates of the Department who show particular aptitude for advanced work, and are held in the Faculty of Graduate Studies and Research. Graduates of other universities are admitted to this Faculty, if qualified, but are not eligible for the fellowships mentioned.

DEPARTMENT OF PHYSICS

Professors	J. STUART FOSTER, *Chairman*
	G. A. WOONTON
Associate Professors	J. S. MARSHALL
	E. R. POUNDER
	F. R. TERROUX
	H. G. I. WATSON
	C. H. WESTCOTT
Assistant Professors	K. L. S. GUNN
	W. F. HITSCHFELD
	ANNA I. MCPHERSON
	SYDNEY WAGNER
	J. R. WHITEHEAD
Lecturer (1952-53)	M. L. DE ANGELIS

FIRST YEAR

1311. MECHANICS AND ELECTRICITY. An introductory course covering the elementary portions of mechanics, magnetism, electricity, and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work and numerical examples.

3 lectures per week, session* *Professor Wagner*

Laboratory, 2 hours per week, session. *Professor McPherson*

Textbooks: Mendenhall, Eve, Keys and Sutton, College Physics (Heath & Co.); An Elementary College Course in Experimental Physics (Renouf Publishing Co.).

*Voluntary tutorials are provided to assist students in 1311.

SECOND YEAR

1320 (Arts and Science 22a). HEAT. Temperature, kinetic theory, heat engines, throttling, evaporation, hygrometry, heat transfer, radiation, and expansion.

3 lectures per week, first term. *Professor Marshall*

Laboratory, 2 hours per week, first term.

Professors Terroux and McPherson

Textbooks: Marshall, Heat, Light, and Sound (McGill Physics Department); Heat, Light, and Sound Laboratory Manual (Renouf).

Reference book: Noakes, A Textbook of Heat (Macmillan).

1322 (Arts and Science 22b). SOUND AND LIGHT. Simple harmonic motion, waves, interference, moving sources, diffraction, vibrating systems, intensity level, audibility, musical scales and acoustics. Waves and rays, lenses and mirrors, aberrations, the eye, optical apparatus, illumination, interference, polarized light. Wave theory developed in sound is used for light.

3 lectures per week, second term. *Professor Marshall*

Laboratory, 2 hours per week, second term.

Professors Terroux and McPherson

Textbooks: Same as for Course 1320.

THIRD YEAR

1340 (Arts and Science 23). ELECTRICITY AND MAGNETISM. Fundamental principles and experimental basis of magnetism; electrostatics; current electricity (D.C. and A.C.); electromagnetic induction; electrodynamics; theory of simple circuits; elementary electronics. Special attention is given to demonstrations, applications, theory of measurements, units, instruments, and numerical problems.

2 lectures and 1 hour voluntary tutorial per week, session.

Professor Pounder

Advanced Section (for Engineering Physics students only).

Professor Watson

In the case of students in Engineering Physics, the tutorials are replaced by supplementary lectures on the more advanced parts of this course including, in particular, the properties of electric and magnetic fields. No examination is required on this part of the course.

Textbook: Ward, Introduction to Electrical Engineering (Prentice-Hall).

Reference books: Signal Training Manual, Vol. II, Part I, Electricity and Magnetism (H. M. Stationery Office); Page, Lessons in Electricity (Macmillan); Brown, Electricity and Magnetism (Holt); Starling, Electricity and Magnetism (Longmans Green); Sears, Electricity and Magnetism (Addison-Wesley).

NOTE: Course 1344 is an integral part of Course 1340.

1342 (Arts and Science 34). ADVANCED HEAT. The first and second laws of thermodynamics; thermodynamic systems and variables and their mathematical manipulation. Thermodynamics of specific heat problems including two-phase systems, heat engines, Joule-Thomson effect, thermionic emission, thermal radiation. Kinetic theory of gases and introduction to statistical mechanics. Thermometry and calorimetry.

2 hours per week, session. *Professor Hitschfeld*

Text: Sears, Introduction to Heat, Thermodynamics, Kinetic Theory and Statistical Mechanics (Addison-Wesley).

References: Zemansky, Heat and Thermodynamics (McGraw-Hill); Hoare, Textbook of Thermodynamics (Longmans Green); Jeans, Kinetic Theory of Gases (Cambridge University Press); Worthing and Halliday, Heat (Wiley).

1344 (Arts and Science 23L). PHYSICS LABORATORY. Illustrating main principles of Course 1340. Theory and use of galvanometers, ammeters, voltmeters, bridges, potentiometers, resistances, capacitances, inductances, magnetometers, rectifiers, oscillators, oscillographs; limitations and accuracy of observations; significant figures.

3 hours per week, session. *Professor Pounder*

Textbook: University Laboratory Manual, Electricity and Magnetism, second year.

NOTE: Course 1344 is an integral part of Course 1340.

FOURTH YEAR

1360 (Arts and Science 47). APPLIED GEOPHYSICS. Introduction to geophysical methods of prospecting and investigating sub-surface structures; theories, uses, and limitations of various magnetic, electrical, gravitational, and seismic methods; practical operation of instruments; field results are obtained and analysed; field experience, when possible.

2 lectures per week, first term. *Professor Watson*

Textbook: Eve and Keys, Applied Geophysics, 2nd ed. (Cambridge Univ. Press).

Reference book: Heiland, Geophysical Exploration (Prentice-Hall).

1362 (Arts and Science 35a). ELECTRON PHYSICS. Charge and mass of the electron; the electron as a constituent of matter; atomic structure; electrons in metals and insulators; liberation of electrons from matter; thermionic emission; secondary emissions; photoelectric emission; ionization processes; electrical discharges in gases; control of free electrons;

electron ballistics; electron optics; wave characteristics of the electron; electron diffraction; applied electronics, cathode-ray oscillograph; X-ray tubes; electron microscope; radio-tubes.

2 lectures per week, first term. *Professor Pounder*

Reference books: Stranathan, The Particles of Modern Physics (Blakiston); Millman and Seely, Electronics (McGraw-Hill); Richtmyer and Kennard, Introduction to Modern Physics (McGraw-Hill).

1364 (Arts and Science 45 and 45L) LIGHT, ADVANCED. Geometrical and physical optics; electromagnetic theory; interference; diffraction; polarization; simple spectrum analysis; determination of fine structure of spectral lines; Zeeman effect; theory and use of optical apparatus.

2 lectures per week, first term; 1 lecture per week, second term, and 3 hours laboratory per week, session. *Professor McPherson*

Reference books: Robertson, Physical Optics (Van Nostrand); Wood, Physical Optics (Macmillan); Drude, Optics (Longmans Green); Jenkins and White, Fundamentals of Physical Optics (McGraw-Hill); Hardy and Perrin, Principles of Optics (McGraw-Hill).

1366 (Part of Arts and Science 32). PROPERTIES OF MATTER. Surface tension; viscosity; diffusion; gravitation.

1 lecture per week, second term. *Professor Gunn*

Students in Engineering Physics are advised to attend these lectures, but are not required to take the final examination.

Reference books: Newman and Searle, General Properties of Matter (Benn); Champion and Davy, Properties of Matter (Blackie).

1368 (Arts and Science 31). STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS.

(a) Dynamics of a particle in one and two dimensions; motion of a pair of particles; dynamics of rigid bodies; mass systems.

3 lectures per week, first term. *Professor Terroux*

Textbooks: Lamb, Statics (C.U.P.); Lamb, Dynamics (C.U.P.).

Reference books: Synge and Griffith, Principles of Mechanics (McGraw-Hill); Slater and Frank, Mechanics (McGraw-Hill).

(b) Central orbits and scattering problems; Lagrangian and Hamiltonian equations; rotations; motion of rigid bodies, principal axes and moments of inertia; normal modes of vibration and characteristic frequencies of oscillating systems, with applications to atomic and molecular physics.

3 lectures per week, second term. *Professor P. R. Wallace*

Textbook: Slater and Frank, Mechanics (McGraw-Hill).

Reference books: Goldstein, Classical Mechanics (Addison Wesley); Corben and Stehle, Mechanics (Wiley).

FIFTH YEAR

1380. ACOUSTICS OF BUILDINGS. Room acoustics, sound insulation, and noise reduction, presented for architects. The second term is devoted to practical application.

1 lecture per week, first term.

2 hours laboratory per week, second term. *Professor Marshall*

Reference book: Knudsen and Harris, Acoustical Designing in Architecture (Wiley).

1382 (Arts and Science 43 and 43L). ATOMIC PHYSICS. Classic experiments of atomic physics; determination of physical properties and constants of atoms, ions, and electrons; mass-spectrograph; elements of thermionics and of photo-electricity; X-ray analysis; cosmic rays; atomic structure, radiation, absorption, and emission; advent of quantum theory and of wave-mechanics; philosophical problems in modern physics.

2 lectures and 3 hours laboratory per week, session.

Professors Foster and Westcott

NOTE: *The examination is held at the end of the first term, with no examination required for the second term, in Course 1382. Attendance and examination in Course 1392 in the second term, is required. (The 1392 laboratory work is taken with the 1382 laboratory class in the second term, that is, 3 hours laboratory per week includes both the 1382 and the 1392 laboratory requirements.)*

Textbook: Born, Atomic Physics (Blackie).

Reference books: Richtmeyer and Kennard, Introduction to Modern Physics (McGraw-Hill); Stranathan, The "Particles" of Modern Physics (Blakiston); Harnwell and Livingood, Experimental Atomic Physics (McGraw-Hill).

1384-1386 (Arts and Science 33 and 33L). ELECTRICAL MEASUREMENTS AND ELECTRONICS.

This Course is divided into two parts, namely 1384, ELECTRICAL MEASUREMENTS, and 1386, ELECTRONICS.

1384. (ELECTRICAL MEASUREMENTS) (Arts and Science 33M). Direct-current instruments and measurements; galvanometer theory; instrument calibration; alternating-current circuit theory; "operational" methods; applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

1 lecture and 3 hours laboratory per week, session.

Professor Watson and Mr. de Angelis

1386 (ELECTRONICS) (Arts and Science 33E). Theory and application of electronic devices and circuits; elementary radio engineering.

1 lecture and 2 hours laboratory per week, session.

Professor Watson and Mr. de Angelis

NOTE: *1386 is optional to students in Engineering Physics, but 1384 is required.*

Reference books: Law, Electrical Measurements (McGraw-Hill); Hague, Alternating Current Bridge Methods (Pitman, London); Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Campbell and Childs, Measurement of Inductance, Capacitance, and Frequency (Macmillan); Kruft Laboratory Staff, Electronic Circuits and Tubes (McGraw-Hill); Terman, Radio Engineers' Handbook (McGraw-Hill); Reich, Theory and Application of Electron Tubes (McGraw-Hill).

1388 (Arts and Science 42). ELECTROMAGNETIC THEORY. Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials; electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics: skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennae.

1 lecture per week, first term; 2 lectures per week, second term.

Professor Woonton

Textbook: Slater and Frank, Electromagnetism (McGraw-Hill).

Reference book: Ramo and Whinnery, Fields and Waves in Modern Radio (Wiley).

1390 (Arts and Science 41). MATHEMATICAL PHYSICS. Vibration problems, eigenfunctions and eigenvalues, sound waves, scattering problems; Fourier transforms and application to problems of heat conduction and diffusion; introduction to relativity and wave mechanics. Twelve lectures on topics arising in spectroscopy and nuclear physics will be given by Professor Foster.

Same as Mathematics 1920.

3 lectures per week, session. *Professors P. R. Wallace and Foster*

Reference books: Margenau and Murphy, The Mathematics of Physics and Chemistry (McGraw Hill); Coulson, Waves (Oliver and Boyd); Lindsay, Concepts and Methods of Theoretical Physics (Van Nostrand); Jaegar, Introduction to Applied Mathematics (Oxford); Joos, Theoretical Physics (Blackie); Sommerfeld, Partial Differential Equations (Academic Press); Born, Atomic Physics (Blackie).

1392 (Arts and Science 44b). RADIOACTIVITY AND NUCLEAR PHYSICS. The phenomena of radioactive disintegration and the laws of transformations of successive products; the nature and properties of the radiations; methods of detection and of measurement; mechanisms of absorption and scattering; neutrons, positrons, and the constitution of nuclei; methods of producing artificial disintegrations and their products; introduction to nuclear physics.

2 lectures and 3 hours laboratory per week, second term.

Professor Terroux

Reference books: Rutherford, Chadwick, and Ellis, Radiations from Radioactive Substances (Cambridge); Hevesy and Paneth, A Manual of Radioactivity (Cambridge); Cork, Radioactivity and Nuclear Physics (Van Nostrand); Lapp and Andrews, Nuclear Radiation Physics (Prentice-Hall).

1394. ATOMIC STRUCTURE. A condensed course covering the fields of atomic structure, properties of electrons, nuclei, and related radiations, including radioactivity and an introduction to nuclear physics and elementary quantum theory.

2 lectures per week, second term. *Professor Westcot*

Textbook: Tolansky, Introduction to Atomic Physics (Longmant Green).

Reference Books: Stranathan, The Particles of Modern Physics (Blakiston); Richtmeyer and Kennard, Introduction to Modern Physics (McGraw-Hill); Hoag and Korff, Electron and Nuclear Physics (Van Nostrand); Pollard and Davidson, Applied Nuclear Physics (Wiley); Lapp and Andrews, Nuclear Radiation Physics (Prentice-Hall).

REGULATIONS CONCERNING STANDING AND PROMOTION

GENERAL

(1) Students proceeding to a degree are classed as **Regular Undergraduates** or **Conditioned Undergraduates.** *Regular undergraduates* are those who, having passed all entrance requirements, have also at the close of any session passed the examinations in all the courses of their curriculum or who, at the opening of the following session, have removed all conditions by passing supplemental examinations in the courses in which they failed. *Conditioned undergraduates* are those who have failed to remove all their conditions as above.

(2) No student proceeding to a degree is permitted to register in any year if he is conditioned in courses totalling more than 150 marks.

(3) No student is permitted to register in the Second year if he is conditioned in any English, Mathematics, Physics, Chemistry, or Drafting course from first year Engineering.

(4) No student is permitted to register in the Third year if he is conditioned in Calculus 1224 or Mechanics 322.

(5) Conditioned undergraduates who cannot register in an advanced year on account of having conditions totalling more than 150 marks may repeat the work of the year in which they were previously registered, or must meet the following requirements before being permitted to proceed:

TO ENTER SECOND YEAR

Remove *all* conditions and in addition pass examinations in Mathematics 1200, Chemistry 902, and Physics 1311.

TO ENTER THIRD YEAR

Remove *all* conditions and in addition pass examinations in Calculus 1224 and Mechanics 322 for all courses except Chemical Engineering, in which course they must pass examinations in Chemistry 922, Calculus 1224, and Mechanics 322.

TO ENTER FOURTH YEAR

Remove *all* conditions and in addition pass examinations as listed:

Architecture	Chemical	Civil, Electrical, Mechanical
Mechanics 348	Calculus 1242 Chemistry 942	Mechanics 348 Calculus 1242

Metallurgical	Mining
Mechanics 348 Chemistry 942	Mechanics 348 Geology 1122

TO ENTER FIFTH YEAR

Remove *all* conditions and in addition pass examinations as listed:

Architecture	Chemical	Civil	Electrical
Strength of Materials 373	Chem. Tech. 260 Chem. Eng. 264 Thermo. 268	Strength of Materials 373	Elect. Eng. 460

Mechanical	Metallurgical	Mining
Mech. Eng. 567 Thermo-dynamics 570	Strength of Materials 373 Chemistry 964	Strength of Materials 373

There is to be no supplemental fee for such examinations in which the student has already obtained pass standing.

The examinations in the courses specified above must be passed within the six months prior to the date of registration.

(6) Unless an exemption has been granted, all students in Engineering and Architecture must have attended and passed all regular summer school courses indicated in their respective curricula before they may be recommended for a degree.

(7) No undergraduate conditioned in any entrance requirements is permitted to register for any Second- or Third-year course, nor is any undergraduate conditioned in any Second- or Third or Fourth-year subject permitted to register for any Third- or Fourth- or Fifth-year course, respectively.

(8) **Partial students** are those who are not proceeding to a degree. Such students may be admitted to classes, provided that they have obtained the permission of the chairman of each department concerned, and that their courses are approved by the Committee on Registration, Standing and Promotion.

(9) If a partial student wishes to obtain undergraduate standing in order to proceed to a degree, he will not be given credit for any courses taken unless he has passed examinations in such courses, has had his case reviewed by the Committee on Registration, Standing, and Promotion and, on the recommendation of this committee, has had his case approved by Faculty.

(10) Partial students are not eligible to take supplemental examinations.

(11) No final year student is allowed a supplemental examination in any subject in the period between the opening of the second term and the date of Convocation.

(12) No student may repeat the work of more than one year. Students who have failed a year and have cleared their records by examinations are considered as having repeated the work of that year.

FIRST YEAR

Students of the First year taking the curriculum for the first time who have pursued their courses of study without serious interference due to personal illness, domestic affliction, or urgent affairs, and who fail in courses for which they are registered (including courses of the previous year in which the student is conditioned) aggregating over 300 possible marks, will not be permitted to register in the Second year for the following session.

Instruction is not provided for students in courses in which they are conditioned.

Such students may, at the discretion of the Faculty be permitted to repeat the year, and if they do so they may obtain exemption in any draughting room or laboratory course in which they have obtained 65% or more. In no case will exemption from any final examination be granted to a student who is repeating his year.

Any student repeating the work of the year, who does not obtain an average of 60% in all repeated courses and final examinations of the year, will be permanently debarred from the Faculty.

Any student who fails in the year for the first time, and does not register to repeat the year in the following session, may proceed to the next year in a subsequent session, if in the interim he has cleared his record.

In order to clear his record he must satisfy the following requirements:

1. He must write examinations in all of the courses of the year in which he obtained less than 65%, and must obtain an average of not less than 60% in these examinations.

2. These examinations must all be written either (a) during a single period of supplemental examinations in any September following the session from which the student has been debarred, or (b) during the regular examination periods of a single session, in which case the student may defer the mid-term examinations to the following September, but will not be permitted to defer any spring examinations.

SECOND YEAR

Students of this year taking the curriculum for the first time, who have pursued their courses of study without serious interference due to personal illness, domestic affliction, or urgent affairs, and who fail in more than four courses for which they are registered (including courses of the previous year in which the student is conditioned) in which standing is determined by sessional examinations, or in four such courses aggregating 350 possible marks or over, will not be permitted to register in the Second year for the following session.

Instruction is not provided for students in courses in which they are conditioned.

Such students may, at the discretion of the Faculty, be permitted to repeat the year, and if they do so they may obtain exemption in any draughting-room or laboratory course in which they have obtained 65% or more. In no case will exemption from any final examination be granted to a student who is repeating his year.

Any student repeating the work of the year who does not obtain an average of 60% in all repeated courses and final examinations of the year will be permanently debarred from the Faculty.

Any student who fails in the year for the first time, and does not register to repeat the year in the following session, may proceed to the next year in a subsequent session if in the interim he has cleared his record.

In order to clear his record he must satisfy the following requirements:

1. He must write examinations in all of the courses of the year in which he obtained less than 65%, and must obtain an average of not less than 60% in these examinations.

2. These examinations must all be written either (a) during a single period of supplemental examinations in any September following the session from which the student has been debarred, or (b) during the regular examination periods of a single session, in which case the student may defer the mid-term examination to the following September, but will not be permitted to defer any spring examinations.

THIRD YEAR

All students of the year taking the curriculum for the first time, who have pursued their courses of study without serious interference due to personal illness, domestic affliction, or urgent affairs, and who fail in more than four courses for which they are registered (including courses of the previous year in which the student is conditioned) in which standing is determined by sessional examinations, or in such courses aggregating over 400 possible marks, will not be permitted to register in the next year for the following session.

Instruction is not provided for students in courses in which they are conditioned.

Such students may, at the discretion of the Faculty, be permitted to repeat the year, and if they do so they may obtain exemption in any draughting-room or laboratory course in which they have obtained 65% or better. In no case will exemption from any final examination be granted to a student who is repeating his year.

Any student who fails the year for the first time and does not register to repeat the year in the following session may register in the next year in a subsequent session if in the interim he has cleared his record.

In order to clear his record he must satisfy the following requirements:

1. He must write examinations in all of the courses of the year in which he obtained less than 65%, and must obtain an average of not less than 60% in these examinations.

2. These examinations must all be written either (a) during a single period of supplemental examinations in any September following the session from which the student has been debarred, or (b) during the regular examination periods of a single session, in which case the student may defer the mid-term examinations to the following September, but will not be permitted to defer any spring examinations.

FOURTH YEAR

The standings of the students of the year will be based on their records in the courses for which they are registered, including courses of the previous year in which they are conditioned.

Instruction is not provided for students in courses in which they are conditioned.

McGill University

Montreal

Faculty of Medicine

1953-1954

McGill University

Montreal

Faculty of Medicine

1953-1954

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

TABLE OF CONTENTS

	PAGE
Administrative Officers	1605
Admission to Medicine	1608
Alpha Omega Alpha Honorary Medical Society	1661
Anaesthesia	1618
Anatomy	1619
Bacteriology	1621
Biochemistry	1622
Board and Lodging	1611
Buildings	1654
Bursaries	1615
Clinical Therapeutics	1626
Course for the Degree of M.D., C.M.	1611
Courses of Instruction	1612
Dermatology	1626
Diploma of Public Health	1652
Diploma of Tropical Medicine and Hygiene	1654
Dominion Registration	1617
Donner Building	1656
Embryology	1620
Entrance Requirements	1607
Equivalent Standing in Medicine	1608
Examinations	1612
Fees	1609
Fellowships	1615
General Council of Medical Education, Great Britain	1617
Grading	1615
Graduate and Advanced Courses	1652
Gynaecology	1633
Health Service	1611
Health and Social Medicine	1623
Histology	1620
Hospitals	1656
Immunology	1621
Library	1659

CONTENTS—Continued

	PAGE
Loan Fund	1615
Medals	1615
Medical Jurisprudence	1624
Medical Societies	1660
Medicine	1625
Microscopes	1610
Microscopic Anatomy	1620
Neurology and Neurosurgery	1631
Obstetrics	1633
Ophthalmology	1635
Orthopaedic Surgery	1648
Osler Library	1659
Osler Society	1661
Oto-Laryngology	1637
Paediatrics	1638
Parasitology	1640
Pathology	1640
Pharmacology	1642
Physiology	1643
Prizes	1615
Promotion	1612
Psychiatry	1644
Radiology	1646
Reciprocity with Great Britain	1617
Registration	1609
Requirements for Degree of M.D., C.M.	1615
Requirements for Licence	1616
Scholarships	1615
Surgery	1648
Therapeutics	1626
Undergraduate Medical Society	1660
Urology	1649

McGill University

FACULTY OF MEDICINE

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. *Principal*

G. Lyman Duff, M.D., M.A., Ph.D. (Tor.), F.R.C.P.(C.), F.R.S.C. *Dean of the Faculty*

D. S. Fleming, D.P.H. (Tor.), B.A., M.D., C.M. *Secretary of the Faculty*

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. *Bursar*

T. H. Matthews, M.A., LL.D. *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

Richard Pennington, B.A., Lib.Dip. *University Librarian*

R. L. Stehle, M.A. (Ohio State), Ph.D. (Yale) *Honorary Medical Librarian*

W. W. Francis, A.B., M.D. (Johns Hopkins), M.D., C.M. *Osler Librarian and Director of the Museum of the History of Medicine*

Special Announcements are available for the School of Physical and Occupational Therapy, the School for Graduate Nurses, and the School of Physical Education.

A complete list of the teaching staff of the University, including the Faculty of Medicine, is printed as a separate Announcement, which may be obtained from the Registrar's Office.

Faculty of Medicine

The one hundred and twenty-first session of the Faculty will open on September 9th, 1953, for students of all years.

REQUIREMENTS FOR ENTRANCE

1. (a) *Total Academic Credits:*

The minimum requirement for admission to the medical course is the satisfactory completion of three full years of study in a recognized college or Faculty of Arts and Science (or the equivalent thereof). This minimum requirement may be regarded as equivalent to a total of 90 semester hours.

(b) *Scientific Requirements:*

In the scientific branches, certain subjects are specifically required:
Chemistry, two full courses, including General Chemistry and Organic Chemistry, with laboratory work.
Physics, one year with laboratory work.
Biology, or *Zoology*, one year with laboratory work. (Of this, a half year must consist of Zoology.)

(c) *Cultural Requirements:*

These must be selected in such a way as to be in harmony with the requirements for the degree of B.A. or B.Sc. at the college where the courses are taken. These would commonly include credits in English Literature and in Composition, Mathematics, and at least one modern language. It is advisable for each applicant to present evidence of such preparation.

(d) All candidates for admission to the Medical Faculty are required to take the Medical College Admission Test conducted by the Educational Testing Service or furnish a satisfactory explanation of reason why they are unable to do so.

2. In selecting courses, in addition to the specific requirements listed above, the intending medical student should plan his pre-medical course as a whole, and in accordance with a definite educational objective. Emphasis should be laid on the broad educational value and the intellectual training afforded, rather than on the factual content of such pre-medical curricula; the student is therefore advised to plan his course in such a way as to provide more than elementary training in some definite field of learning which appeals to him; this major field may be selected from the Natural or the Social Sciences or the Humanities. Certain

subjects which though not essential have been found valuable in medical study, and which may be included as electives if the curriculum in the major field permits, are Psychology, Sociology, and Genetics.

In general, students are advised not to anticipate medical school courses in Physiology, Histology, Bacteriology, and Biochemistry at the expense of a fundamental training as outlined above.

On the other hand, for students who desire a preparation in excess of the minimum requirements, a considerable degree of specialization in the sciences, such as Honours graduation, or a Master's degree, in Physics, Chemistry, Biochemistry, Biology, Physiology, or Bacteriology, may prove to be desirable and advantageous.

The students' attention is called to the memorandum printed in the Announcement of the Faculty of Arts and Science, for the guidance of pre-medical students.

Candidates for admission shall furnish evidence that they have satisfied the matriculation requirements of the Licensing Body in the region where they wish to practise. This provision applies to Canadian candidates only.

EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit an official Statement of his preliminary education and of the medical course he has followed and the standing he has obtained. This should be accompanied by a calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

The equivalent courses of study in schools accepted by this University shall be determined from time to time. Acceptance of a course of study as equivalent may not include the examination in that subject held by the accepted school, but the student may be required to pass such examinations, individual or comprehensive, as may be required by the Faculty.

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than January 1st. Each application must be accompanied by a non-returnable fee of $5.00 in the form of a cheque or money order payable to McGill University.

A fee of $50.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Secretary of the Faculty, when possible, is advisable.

REGISTRATION

Students in the Faculty of Medicine will register at the Registrar's Office on Friday, September 4th or Tuesday, September 8th, 1953. Those who register after the latter date will be required to pay a late registration fee of $5.00 if they register during the first week of the session and $10.00 if they register during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

FEES

The University reserves the right to make changes without notice in its published sacle of fees if, in the opinion of the Board of Governors, circumstances so require. Fees are not refundable, except under special conditions described in the General Information Pamphlet.

UNIVERSITY FEES

1. REGULAR STUDENTS

Annual fee	$525.00	
Students' Society and Medical Students' Journal fees	18.00	$543.00
Students in the fourth year also pay for meals at the Montreal Maternity Hospital		$ 5.00
If paid in two instalments:		
First year only —		
First instalment, on registration	271.50	
Instalment fee	2.50	
	274.00	
Less half deposit	25.00	$249.00
Second instalment, January 15th		$249.00
Second and Third years, each instalment		$274.00
Fourth year, each instalment		$276.50

2. REPEATING STUDENTS

Students repeating a year pay full fees.

3. PARTIAL STUDENTS

Qualified students may be admitted as partials to one or more courses on payment of special fees.

4. AD EUNDEM FEE

Students entering any year above the first, pay a special *ad eundem* fee of..... $ 10.00

5. DIPLOMA OF PUBLIC HEALTH FEES

The fee for the graduate course in Public Health, including laboratory and outdoor work, as well as student Health Service fee, is $250.00, of which $25.00 is to be deposited on acceptance of application.

6. DIPLOMA OF TROPICAL MEDICINE AND HYGIENE FEES

The fee for the course leading to this diploma is $50.00 if preceded by the D.P.H. course at McGill University or $100.00 for those already holding the D.P.H. taken elsewhere. For all others fee is $250.00.

DATES OF PAYMENT

Fees are due and payable at the Chief Accountant's Office between the hours of 9 a.m. and 4 p.m. on the following dates:

Friday, September 4th, Tuesday, September 8th to Thursday, September 10th, inclusive, or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on January 15th. An addition $2.00 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the late payment fee.

Immediately after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

All fees are payable in Canadian currency.

For further information and for a list of special fees see the General Information Pamphlet included in this Announcement.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout

his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories: 2/3, 1/6, and 1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practioner in medicine. Suitable microscopes may be secured through local dealers.

BOARD AND RESIDENCE

For details of board and residence and an estimate of expenses, see the General Information Pamphlet included in this Announcement.

HEALTH SERVICE

For details of the Health Service and Medical Examinations see the General Information Pamphlet included in this Announcement.

COURSES FOR THE DEGREE OF M.D., C.M.

The minimum period of professional training required by the University as a qualification for the independent practice of Medicine shall be five years, including

a. four years of medical study in the University leading to the degree of M.D.,C.M.; and

b. one year of interneship in an approved hospital,

or

one year of further medical study in the Faculty of Medicine of McGill University or at another medical school approved by it.

While the Faculty Administration exercises a general supervision of arrangements for interneships, the Faculty of Medicine assumes no responsibility to provide an interneship for any student.

A certificate that his medical education is completed and that he is eligible to sit for the examination of a licensing board shall not be issued to any graduate until the University is in possession of satisfactory evidence that he has completed the full requirements.

There are three sessions of thirty-six weeks each and one session (final session) of thirty-two weeks, all exclusive of examination periods. The sessions usually begin the first Tuesday after the first Monday in September (Labour Day) and continue until the first week of June in the first three years and to the first week in May in the final year.

The academic session is divided into four terms in the first and fourth session and into three terms in the second and third sessions. The minimal

period of study for the degree of M.D., C.M., is, therefore, four sessions of study comprising one hundred and forty weeks exclusive of examination periods.

The arrangement of the principal subjects of instruction is usually as follows:

FIRST SESSION

Anatomy (including Histology and Embryology), Physiology, Biochemistry, Psychobiology and Medical Sociology, Introduction to Medicine.

SECOND SESSION

Pharmacology, General Pathology, Bacteriology and Immunology, Parasitology, Laboratory Diagnosis, Medicine, Surgery, Paediatrics, Obstetrics, Health and Social Medicine, Psychiatry.

THIRD SESSION

Special Pathology, Health and Social Medicine, Medicine, Surgery, Obstetrics and Gynaecology, Paediatrics, Psychiatry, Therapeutics, Ophthalmology, Oto-laryngology, Medical Jurisprudence, Radiology, Anaesthesia.

FOURTH SESSION

Medicine*, Surgery*, Obstetrics and Gynaecology, Psychiatry, Paediatrics, Ophthalmology, Oto-laryngology, Radiology, Neurology and Neuro-Surgery.

*In these subjects are included the following:

Medicine—Dermatology, Clinical Therapeutics.

Surgery—Orthopaedics, Urological Surgery, Anaesthesia.

EXAMINATIONS

The examinations taken within the Medical Faculty are divided into two groups, namely major examinations and minor examinations. Major examinations are the final examinations in Anatomy (Embryology), Histology, Physiology, Biochemistry, Pharmacology, Bacteriology and Immunology, Pathology, Health and Social Medicine, Paediatrics, Medicine, Surgery, Obstetrics and Gynaecology, Psychiatry.

Minor examinations include the final examinations in Parasitology, Neuro-anatomy, Laboratory Diagnosis, Medical Jurisprudence, Therapeutics, Ophthalmology, Oto-laryngology, Radiology, and examinations preliminary to the final major examinations.

A student who fails in any major examination will be required, before he sits a supplemental examination, to present to the Dean's office from the senior professor of the Department concerned a certificate that the student has taken sufficient extra tuition as would indicate that he has reviewed the subject and is a suitable candidate for the supplemental examination.

There is a strict difference between the importance of a major and a minor examination. If a student fails in the supplemental of a major examination, there are definite restrictions as hereinafter set forth, while failure in the supplemental of a minor examination permits the student to carry conditions as are hereinafter laid down.

A student who fails in the supplementals of not more than two minor examinations may proceed with other subjects in the following year, carrying such subjects as conditions, but may not sit any subsequent major examinations until the conditions have been removed, nor may more than two conditions be carried at one time.

All conditions must be removed by the end of the first term (November) in each session when additional supplemental examinations will be held. Failure in any of these will require the student to revert to the previous year and to repeat the courses of the Winter and Spring terms.

A student who fails in the supplementals of three or more minor examinations in any one session must repeat this session or may be asked to retire, as may be decided by the Promotion Committee, but he may appear before the Promotion Committee to plead his case if it be decided that he should retire.

A failure in the supplemental of a major examination will require the student to repeat the course (repeat the year), and no student may repeat such a course more than once. Any student who fails in the supplementals of two major examinations in any one year shall be required to retire without the privilege of further supplementals.

A student is not allowed supplementals in three major examinations in any one session. He will be required to repeat his year or retire as decided by the Promotion Committee, from whose decision there shall be no appeal.

A student is not allowed supplementals in two major and one minor examination in any one session. He will be required to repeat his year or retire as decided by the Promotion Committee, but he may appear before the Promotion Committee to plead his case if it be decided that he should retire.

A student in the final year may take a supplemental examination in one subject only at the end of the following September, but must present a certificate from the senior professor of the Department concerned that

he has taken at least three months' extra tuition in this subject in one of the teaching hospitals of the McGill Faculty of Medicine. If he should fail in this supplemental examination, he must repeat the year of study and pass all the major examinations at the completion of the session.

A student in the final year who fails in two subjects will not be permitted supplementals but must repeat the year or retire, as decided by the Promotion Committee, from whose decision there shall be no appeal.

A student will not be allowed to repeat a year more than once nor may he repeat a subsequent year if such repetition has been due to failure in examinations, except on special recommendation of the Promotion Committee, acting upon the motion of the representatives on the committee of the Department concerned.

A student who has been permitted to repeat his year shall be required to make a C+ grade, which for this purpose is considered to be 65%, or he will not be permitted to continue his course.

Examinations, tests, reviews, etc., may be held during the session by any Department in its time of instruction, provided that no more than twenty-four (24) hours' notice is given. It is understood that such examinations, tests or reviews are conducted for the benefit of the student in order that he may have experience in the requirements of the sessional examinations, and further, that he and his teachers may know he is progressing in his studies.

There shall be two Promotion Committees. The First Committee shall consist of representatives of the subjects of Anatomy, Biochemistry, Histology, Physiology, Pharmacology, Bacteriology, Parasitology, Pathology, and Endocrinology, appointed by the Dean, and the Dean and the Secretary *ex officio*. This Committee shall pass on all cases of students who fail to satisfy examination requirements in the First and Second years. The second Committee shall consist of representatives of the Departments of Pathology, Bacteriology, Health and Social Medicine, Medicine, Surgery, Obstetrics and Gynaecology, Paediatrics, and Psychiatry appointed by the Dean, and the Dean and the Secretary *ex officio*. This Committee shall pass on all cases of students who fail to satisfy examination requirements in the Third and Fourth years.

All results of examinations will be given out by the Dean's office, after they have been passed upon by the Promotion Committee. It is an absolute rule that no examination results shall be communicated by any other channel.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

GRADING

At the conclusion of each course, students are graded in five groups as follows:

A = Excellent
B = Good
C = Fair
D = Doubtful
E = Failure

In reporting the grading, the names of those students who attain "A" standing are arranged in order of merit; in all other grades the arrangement is alphabetical.

By regulation of the Faculty of Medicine, a student is not permitted more than one "D" grade in the examinations of a single year. In the presence of other "D" or "E" grades all "D" grades are automatically converted into failures by the Promotion Committees.

The grade assigned to a student is based upon the results of the Final Examination, but the instructor also takes into account the record of the work done throughout the course.

The quality of the English used by a candidate is taken into account in determining his standing in all examinations.

FELLOWSHIPS, SCHOLARSHIPS, ETC.

Details of fellowships, scholarships, bursaries, medals, and prizes open to undergraduate and graduate students in Medicine, and of the University Loan Fund will be found in the Scholarships Announcement.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for four full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University. (See page 1608.)

3. No one is permitted to become a candidate for the degree who has not attended at least two full sessions at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions of nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anaesthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE

Intending students are reminded that a University degree in Medicine does not in itself confer the right to practise the profession of medicine. In each Province of Canada and in each one of the United States the right of licensing is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practise can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University requires Canadian students to register with the licensing body of their home province before beginning their medical course.

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:

QUEBEC—Dr. J. Paquin, 1896 Dorchester St. West, Montreal 25, P.Q.

ONTARIO—Dr. Robert T. Noble, 174 St. George St., Toronto 5, Ont.

NEW BRUNSWICK—Dr. J. M. Barry, 182 Princess St., Saint John, N.B.

NOVA SCOTIA—Dr. H. L. Scammell, 196 Atlantic St., Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. I. J. Yeo, Charlottetown, P.E.I.

MANITOBA—Dr. M. T. McFarland, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. W. Bramley Moore, 207 Alexandra Block, Edmonton, Alta.

SASKATCHEWAN—Dr. G. Gordon Ferguson, 415 Birks Bldg., Saskatoon, Sask.

BRITISH COLUMBIA—Dr. Lynn Gunn, 1807 West 10th Avenue, Vancouver 9, B.C.

NEWFOUNDLAND—Dr. C. Macpherson, P.O. Box 5121, St. John's, Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, 180 Metcalfe Street, Ottawa 4, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance at lectures, practical work, and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

Courses of Instruction

DEPARTMENT OF ANAESTHESIA

Associate Professor	H. R. Griffith, *Chairman*
Assistant Professor	F. A. H. Wilkinson
Lecturers	W. G. Cullen
	R. S. Ferguson
	R. G. B. Gilbert
	A. F. Pasquet
	H. M. Slater
	W. C. Stockwell
Demonstrators	R. K. Cumming
	J. I. Davies
	Gladys Ellison
	J. J. Kelly
	P. E. O'Shaughnessy

UNDERGRADUATE COURSES

A student in Medicine, before reaching that part of the curriculum which deals with anaesthesia, will have acquired during the earlier years at the university some incomplete, but important, knowledge of anaesthesia while taking the courses in anatomy, physiology, biochemistry, pharmacology, and pathology.

In the final year he attends thirteen "lectures" given by the personnel of the Department of Anaesthesia. At the beginning of each "lecture" a sound-film is shown and followed by a panel discussion on the topic presented.

The student is given advice on what to read. At the termination of these "lectures" a written examination is held.

In the final year, also, each student is allocated for one week to the Department of Anaesthesia in one of the hospitals, and two more days in another, in these to learn as much as he may in that short time, as he does the bidding of the anaesthetists and attends four well-planned lecture-demonstrations.

DEPARTMENT OF ANATOMY

Robert Reford Professor	C. P. MARTIN, *Chairman*
Professor	C. P. LEBLOND
Associate Professor	S. M. BANFILL
Assistant Professor	D. S. FORSTER
Lecturers	PHOEBE L. COX
	YVES CLERMONT
	N. J. NADLER
Demonstrators	HOWARD ROOT
	S. S. SMAILL
	E. WALTER WORKMAN

REQUIRED COURSES

1. GROSS ANATOMY

Five hours lectures and fifteen hours laboratory work per week during the Autumn, Winter and Spring terms of the first medical year.

2. NEURO-ANATOMY

Four hours lecture and laboratory per week during the first term of the second year. Conducted with the co-operation of Dr. Francis McNaughton. This course is listed under the Department of Neurology and Neurosurgery as 2A Neuroanatomy.

3. APPLIED ANATOMY

One hour per week lecture and demonstration during the Winter and Spring terms of the third medical year.

Textbooks: Gray, Anatomy (English edition) or Cunningham, Text-Book of Anatomy.

Practical Manuals: Le Gros Clark, Practical Anatomy, 2nd ed.; Buchanan, Manual of Anatomy; Johnston, Synopsis of Regional Anatomy.

Optional Texts: Quain; Pirsal; Spalteholz, Atlas; Fraser, Anatomy of the Human Skeleton; Fraser and Robbins; Larsell; Ramson; E. E. Hewer, A Text-book of Histology; Anson, Atlas of Anatomy.

INTRODUCTION TO MEDICINE

One hour per week from October. A presentation of selected clinical material, from the standpoint of the basic medical sciences. The sessions are correlated with the lectures given by the Departments of Anatomy, Biochemistry and Physiology, in rotation.

ELECTIVE COURSES

The Department provides, as far as material will permit, facilities for advanced work or revision. The Chairman of the Department should be consulted by anyone wishing to undertake work of this nature.

4. ADVANCED NEURO-ANATOMY

Lecture and laboratory work on two evenings per week from October to December. By arrangement the course is held in the Neurological Institute under the direction of Dr. McNaughton. The class is limited to ten. The course consists of the construction of plasticine models of the brain, based on individual study of the brain and brain stem.

5. PHYSICAL ANTHROPOLOGY

Lectures and practical courses will be arranged for students when required.

MICROSCOPIC ANATOMY

REQUIRED COURSE

6. HISTOLOGY

The study of the histological structure of the body. Two hours lectures and six hours laboratory work per week during the first 28 weeks of the first medical year.

Textbooks: Bailey, Text-Book of Histology; or Maximow and Bloom, Text-Book of Histology; or Ham, Histology.

Additional Reading: De Robertis, Nowinski, and Saenz, General Cytology; Cowdry, Text-Book of Histology.

ELECTIVE COURSE

7. EXPERIMENTAL MORPHOLOGY

This course is divided into two parts which may be taken simultaneously or in successive years.

(a) A seminar on theoretical problems of histology and histo-chemistry. One hour weekly.

(b) A practical course on the planning of biological experiments, operative procedures on laboratory animals, histological techniques, histo-chemical reactions, radioactive elements (detection by radio-autographs and Geiger counter), photographic methods, etc. 2 hours lectures and 4 hours laboratory per week.

The practical course is limited to 6 students per year.

EMBRYOLOGY

REQUIRED COURSE

8. THE STUDY OF HUMAN DEVELOPMENTAL ANATOMY

Two hours per week lecture and two hours per week laboratory work during second half of the first medical year.

Recommended reference books: Arey, Developmental Anatomy; Patton, Human Embryology.

Optional Texts: Jordan, Simkins, Baily and Millar, Keith, Fraser.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Professor	E. G. D. Murray, *Chairman*
Associate Professors	G. G. Kalz
	J. W. Stevenson
Assistant Professors	C. D. Kelly
	Anne M. Masson
Lecturers	J. A. DeVries
	D. A. Gillen
	Dina Gordon
	Frances H. Prissick
	Raissa Silov
Demonstrator (Teaching Fellow)	H. H. Whitehead
Research Fellow	Fritz Blank

All lectures and laboratory courses are given in the Department of Bacteriology, Pathological Institute.

1. ELEMENTARY MEDICAL BACTERIOLOGY AND IMMUNOLOGY

30 lectures and 63 hours practical work commencing September, first medical term, 2nd year.

Available to Medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology, and Biochemistry.

2. APPLIED MEDICAL BACTERIOLOGY AND IMMUNOLOGY AND THE PROCESSES OF INFECTIOUS DISEASES

20 lectures and 40 hours of demonstrations commencing November 15th, 2nd medical term 2nd year.

3. BACTERIOLOGY AND IMMUNOLOGY FOR HONOURS B.SC. DEGREE

The class is limited in size and priority is given to Honours students in their Fourth year. Students in the Faculty of Graduate Studies are admitted only if they have suitable qualifications and if there are vacancies.

77 lectures and 308 hours practical work with 50 hours discussion periods through the year (3 full courses). Biochemistry 5 (lectures only) is compulsory. One other course is to be selected by the students.

6. BACTERIOLOGY AND IMMUNOLOGY POST-GRADUATE SEMINARS AND DISCUSSIONS

8. APPLIED BACTERIOLOGY FOR GRADUATE NURSES (CERTIFICATE COURSE)

22 lectures and 19 hours practical work. Available only to students in the School of Graduate Nurses commencing October to December in the first term.

9. PUBLIC HEALTH BACTERIOLOGY AND IMMUNOLOGY

Available to postgraduate students for the diploma or Master's degree in Public Health. Given in association with the Department of Health and Social Medicine.

10. SEMINARS ON APPLIED BACTERIOLOGY IN RELATION TO PARTICULAR NURSING PROBLEMS (DEGREE COURSE)

14 periods of 2 hours commencing January for 14 weeks in the second term. Available only to nurses taking the Degree Course and on the successful completion of Course 8. Limited to 20 students.

Textbooks: Zinsser, Textbook of Bacteriology, edited by Smith and Conant (Appleton-Century-Crofts); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); Topley and Wilson, Principles of Bacteriology, revised by Wilson and Miles (Edward Arnold); E. O. Jordan and W. Burrows, Text-Book of Bacteriology (Saunders); H. Zinsser, J. F. Enders, L. D. Fothergill, Immunity Principles and Application in Medicine and Public Health (Macmillan); R. W. Fairbrother, A Text-Book of Medical Bacteriology (W. Heinemann); T. M. Rivers, Viral and Rickettsial Infections of Man (Lippincott); R. J. Dubos, Bacterial and Mycotic Infections of Man (Lippincott); F. M. Burnet, Virus as Organism (Harvard University Press). S. P. Bedson et al., Virus & Rickettsial Diseases (Edward Arnold & Co.); A. J. Rhodes and C. E. van Rooven, Textbook of Virology (Nelson); D. C. Boyd, Fundamentals of Immunology (Interscience); N.P. Sherwood, Immunology (Mosby Co.); C. J. Witton, Microbiology with application to Nursing (McGraw-Hill Co.).

DEPARTMENT OF BIOCHEMISTRY

Professors	D. L. THOMSON, *Chairman*
	J. H. QUASTEL
Associate Professors	O. F. DENSTEDT
	K. A. C. ELLIOTT
	R. D. H. HEARD
Sessional Lecturers	ESAU HOSEIN
	MARGARET PURVIS

FIRST YEAR

BIOCHEMISTRY 1. Mon., Wed., Fri., at 9 a.m. (beginning in October).

1L. Laboratory: Six hours a week October to February

Professor Thomson

Textbooks: Bodansky, "Introduction to Physiological Chemistry" (Wiley); Williams, "Textbook of Biochemistry" (van Nostrand); Schmidt and Allen, "Fundamentals of Biochemistry" (McGraw-Hill); Mitchell, "Text-book of Biochemistry" (McGraw-Hill); Thorpe, "Biochemistry for Medical Students" (Churchill); West and Todd, "Textbook of Biochemistry (Macmillan).

This course consists of the courses numbered 31, 32 (Endocrinology) and 33 (Nutrition) listed in the Announcement of the Faculty of Arts and Science, which also lists more advanced courses offered by the Department.

INTRODUCTION TO MEDICINE

One hour per week from October. A presentation of selected clinical material, from the standpoint of the basic medical sciences. The sessions are correlated with the lectures given by the Departments of Anatomy, Biochemistry, and Physiology, in rotation.

DEPARTMENT OF HEALTH AND SOCIAL MEDICINE

Strathcona Professor	R. P. Vivian, *Chairman*
Associate Professors	D. S. Fleming
	C. W. MacMillan
Assistant Professor	Marian Bain
Lecturers	E. H. Bensley
	H. E. Burke
	Ethel Cooke
	W. H. Cruickshank
	H. G. Ross
	Baruch Silverman
	Milton G. Townsend
Demonstrator	Mrs. H. A. Sledge

The instruction is designed to present to the undergraduate the social factors of particular importance in the practice of Medicine, stressing the role of Preventive Medicine and Public Health.

In the Second year the subject matter is presented in 48 hours of lectures and 12 demonstrations or field trips of 2½ hours each.

The lectures deal with the organization and activities of community health services including vital statistics, communicable disease control, sanitation, environmental hygiene, health supervision programs, nutrition, and the epidemiological problems of non-communicable diseases.

Field trips are undertaken to observe the methods for the control of water, milk, and meat, the work of a public health laboratory, industrial hygiene, and a seminar on vital statistics. The presentations are timed to coincide with complementary material taken up by other departments.

An examination (minor) is held at the end of the Second year.

In the Third year a course of 12 lectures is given to the class as a whole which includes population influences, mortality trends with particular reference to leading communicable and non-communicable diseases, aspects of public welfare, medical economics, and the problem of medical care.

Throughout the year concentrated courses of six weeks each with four half-day periods each week are conducted for a sixth of the class on a rotation basis.

Each of these courses covers the organization and administration of the Western Health District of the City of Montreal; the epidemiology and control measures for the more common communicable diseases including Tuberculosis and Venereal Disease. The preparation of sera, vaccines, and toxoids is observed; practice is obtained in the common immunological procedures; and community activities in Maternal and Child Hygiene, Industrial Medicine, Mental Hygiene, and Nutritional and General Health Education are illustrated by the facilities in the community.

A final examination is held at the end of the Third year.

Text and Reference Books: Mustard, Introduction to Public Health; Maxcy, Rosenau's Preventive Medicine and Hygiene.

TOXICOLOGY AND MEDICAL JURISPRUDENCE

A TOXICOLOGY

i. A series of 8 lectures on acute poisoning—(a) occurrence (b) modes of action of poisons and modifying factors (c) diagnosis and treatment of acute poisoning and (d) medico-legal considerations.

ii. A series of 4 lectures on industrial toxicology—(a) dusts, fumes, smokes, mists, fogs, and vapours (b) metal fume fever (c) arsenic, lead, and mercury (d) carbon monoxide (e) organic compounds—aliphatic and aromatic hydrocarbons—halogenated, nitro, and amino derivatives (f) organic solvents (g) factors influencing selection of employees (h) early diagnosis of industrial poisoning.

B. JURISPRUDENCE

A series of 12 lectures on (a) legal status of physicians (b) obligation of doctor to state (c) professional secrecy—privileged communications (d) responsibility to patient—implied and expressed contracts (e) physical examinations, surgical operations and consent (f) malpractice—civil, criminal (g) legal procedures—coroner's court, other courts, medical witness (h) medico-legal aspects of death (i) personal identity in its medico-legal bearing (j) blood stains (k) wounds (l) pregnancy (m) abortion (n) infanticide (o) impotency and sterility (p) rape (q) medico-legal aspects of alcoholic intoxication (r) insanity.

Text and Reference Books: i. General: Buchanan, Text Book of Forensic Medicine and Toxicology; Glaister, Medical Jurisprudence and Toxicology; Kerr, Forensic Medicine; Littlejohn, Forensic Medicine; Gonzales,

Vance and Helpern, Legal Medicine and Toxicology; McNally, Toxicology; Sydney Smith, Forensic Medicine; Sydney Smith and Glaister, Recent Advances in Forensic Medicine; Taylor, Principles and Practice of Medical Jurisprudence.

ii. Industrial Toxicology: Wampler, Principles and Practice of Industrial Medicine; Gafarer, Manual of Industrial Hygiene; Henderson and Haggard, Noxious Gases; Jacobs, Toxicity of Industrial Organic Solvents —Report No. 80, Medical Research Council, Industrial Health Research Board, G.B.; Hunter, Industrial Toxicology.

DEPARTMENT OF MEDICINE

Professors

J. S. L. Browne, *Chairman* — G. R. Brow
E. S. Mills — W. deM. Scriver

Associate Professors

K. A. Evelyn — J. F. McIntosh
Neil Feeney — H. S. Mitchell
C. W. Fullerton — Bram Rose
M. M. Hoffman

Assistant Professors

L. J. Adams — Louis Lowenstein
R. C. Bennetts — K. R. Mackenzie
H. E. Burke — D. L. Mendel
D. G. Cameron — J. H. Palmer
G. A. Copping — C. J. Pattee
W. H. P. Hill — H. N. Segall
J. G. Howlett — F. M. Smith
L. G. Johnson — S. R. Townsend
W. R. Kennedy — R. V. Ward

Lecturers

Michael Aronovitch — R. D. McKenna
C. S. Barker — W. G. McLellan
F. M. Bourne — C. J. Malloy
J. O. W. Brabander — J. F. Meakins
R. A. Cleghorn — T. J. Quintin
H. I. Cramer — W. S. Rodger
A. F. Fowler — Lorne Shapiro
Alec Gordon — Murray Stalker
G. W. Halpenny — A. T. Thom
R. G. M. Harbert — G. R. Turgeon
Cecil Harris — P. G. Weil
Lester McCallum — G. E. Wight
Eleanor McGarry

Demonstrators

C. M. Ballem
David Barza
R. G. Baxter
Lauder Brunton
Lloyd Caswell
Parker Chesney
William Cohen
Basil Cuddihy
W. W. Eakin
Allen Gold
Louis Horlick
G. E. Joron
A. W. Lapin
Wilfred Leith
B. A. Levitan
P. N. MacDermot
A. D. MacDonald
C. C. Macdonald
D. G. Mackay
Melvin McQuitty
R. J. Murphy
Myron Notkin
J. P. P. Paré
J. S. Polson
E. A. S. Reid
Jack H. Rubin
C. B. Smith
Joseph Wener
J. C. G. Young

THERAPEUTICS

Associate Professors

C. W. Fullerton
W. deM. Scriver

Lecturers

G. H. Fisk
B. L. Frank

DERMATOLOGY

Associate Professor

L. P. Ereaux

Assistant Professors

R. R. Forsey
Frederick Kalz
B. D. Usher

Lecturers

G. E. Craig
C. J. Fournier
D. S. Mitchell

Demonstrators

M. S. Cohen
Paula Schopflocher

EXPERIMENTAL MEDICINE

Associate Professors

E. H. Bensley
E. M. H. Venning

THE CURRICULUM IN THE DEPARTMENT OF MEDICINE

FOREWORD

The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease, to afford a knowledge of the technique, and, above all, so to train

the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students, teachers, and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training. The importance of regarding the patient as a person is emphasized throughout.

Unusual facilities are afforded at the Royal Victoria Hospital and at the Montreal General Hospital where there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The University lectures and Theatre Clinics are open to students of all years. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

REQUIRED COURSES

SECOND YEAR

COURSE II 1—INTEGRATION OF PHYSIOLOGY, BIOCHEMISTRY, AND ANATOMY WITH MEDICINE

Time—Last two terms of Second year: one lecture or clinic a week in the second term—two lectures a week and one amphitheatre clinic in the third term.

Place—Medical Building. Montreal Neurological Institute Theatre.

Subject Material—This course covers in a systematic manner the deviations from the normal of the physiological and biochemical functions. These are correlated so as to explain symptoms and signs which may be found on physical examination as detected by clinical methods dealt with in Course II 2. This course is so interpreted as to give the student a panoramic view of these disturbances with a proper perspective.

Professor Browne and staff

COURSE II 2—A PRACTICAL COURSE IN CLINICAL METHODS

Time—Second and third terms of Second year.

Place—Outpatient Departments of the Royal Victoria, Montreal General, and Queen Mary Veterans Hospitals.

Subject—Practical instruction 4 hours a week on Normal and Abnormal Physical Signs and one amphitheatre clinic, the latter at the Montreal General Hospital.

COURSE II 3—LABORATORY DIAGNOSIS

Time—Last term of Second year.

Place—Medical Building.

Subject—Instruction and practice 2 periods a week in microscopy as applied to clinical medicine. *Professor McIntosh and Assistants*

THIRD YEAR

COURSE III 4—AMPHITHEATRE CLINICS IN GENERAL MEDICINE

Time—Once weekly throughout year.

Place—Alternately at the Royal Victoria and the Montreal General Hospitals.

Subject—Demonstration and discussion of cases illustrating certain disease processes.

COURSE III 5—BEDSIDE CLINICS AND PRACTICAL DEMONSTRATIONS

Time—Twice weekly during the medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE III 6—CLINICO-PATHOLOGICAL CONFERENCE

Time—Weekly during the medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE III 7—CASE REPORTING

During the trimester in Medicine students will be assigned patients in the wards. They will be required to write case histories, make a general examination, note progress, and do such laboratory investigations as are within their scope and have access to all other Laboratory and X-Ray findings. Teaching Fellows will be available to assist students in this work.

COURSE III 8—A PRACTICAL COURSE IN DISEASES OF METABOLISM AND ENDOCRINOLOGY.

Time—Weekly during the medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

Subject—This course consists of weekly Ward Rounds in the two Hospitals.

COURSE III 9—THERAPEUTICS

A course of 20 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available.

In addition to the above courses General Ward Rounds are held once a week at each Hospital for students reporting Medicine.

FOURTH YEAR

COURSE IV 10—AMPHITHEATRE CLINICS IN GENERAL MEDICINE

Time—Once a week throughout the year.

Place—Alternately at the Royal Victoria and Montreal General Hospitals.

Subject—Demonstration and discussion of cases illustrating more complicated cases as compared to the Third year.

COURSE IV 11—BEDSIDE CLINICS AND PRACTICAL DEMONSTRATION

Time—Twice weekly during the medical term.

Place—Wards of the Royal Victoria and the Montreal General Hospitals.

COURSE IV 12—CLINICAL PATHOLOGICAL CONFERENCE

Time—Once a week during the medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE IV 13—CLINICAL THERAPEUTICS—PRACTICAL BEDSIDE INSTRUCTION

Time—Once a week during the medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE IV 14—A COURSE OF LECTURES IN MEDICINE

Time—One period a week throughout the year.

Place—Medical Building.

Subject—Lectures in General Medicine to give a panorama of the subject.

COURSE IV 15—A COURSE OF 14 LECTURES IN DERMATOLOGY AND SYPHILOLOGY

Place—Medical Building.

COURSE IV 16—DERMATOLOGY AND SYPHILOLOGY—PRACTICAL INSTRUCTION

Time—Twice a week during one term.

Place—The Montreal General and Royal Victorial Hospitals.

COURSE IV 17—THERAPEUTICS

Eight theatre clinics to be given in the Teaching Hospitals during the course of the year. Therapeutic aspects will be correlated with other aspects of disease.

COURSE IV 18—CASE REPORTING

As in Third year during the medical term. Students will be expected to devote much of their time during the medical term observing on the wards or outdoor of the Teaching Hospital to which they are assigned writing case reports and following the progress of their cases with care. Teaching Fellows will be available to assist students in this work.

Place—Wards and Outdoor of the Royal Victoria and Montreal General Hospitals.

An effort is made to enable the student in the Fourth year to take an active part in the care of the patient, both in the wards and in the Out-door Clinics.

TEXT AND REFERENCE BOOKS

The following books have been classified under general headings and are merely suggestions from which the student may choose according to his own needs. The list is not intended to be exclusive; there are other text books which the student may prefer. The list of reference books is given for information.

Clinical and Laboratory Methods and Physical Diagnosis: Cabot and Adams, Physical Diagnosis; Gradwohl, Clinical Laboratory Methods and Diagnosis; Hutchison and Hunter, Clinical Methods; Major, Physical Diagnosis; McGill University, Guide to Medical Case Reporting; A Syllabus of Laboratory Examination in Clinical Diagnosis, edited by Thomas H. Ham, Harvard Press; Todd and Sanford, Clinical Diagnosis by Laboratory Methods; Leopold, Principles and Methods of Physical Diagnosis; Walker, Physical Diagnosis.

Physio-Pathology: Best and Taylor, The Physiological Basis of Medical Practice; Bodansky and Bodansky, Biochemistry of Disease; Canterow and Trumper, Clinical Biochemistry, 4th ed.; McLeod, Physiology in Modern Medicine; Peters and Van Slyke, Quantitative Clinical Chemistry, Vol. 1, Interpretations; Sodeman, Pathologic Physiology; Wright, Applied Physiology.

General Medicine: Cecil, Text Book of Medicine; Christian, Principles and Practice of Medicine; Conybeare, Text Book of Medicine; Harrison, Principles of Internal Medicine; Meakins, Practice of Medicine; Tidy, General Medical Text Book; Yater, Fundamentals of Internal Medicine.

Differential Diagnosis: Savill, System of Clinical Medicine; Yater, Symptoms and Diagnosis.

Dermatology and Syphilology: McKenna, Text Book of Dermatology; Tobias, Advances in Dermatology; Walker and Percival, Introduction to Dermatology.

Miscellaneous Reference Books: Duncan, Diseases of Metabolism; Cheney, Medical Management of Gastro-Intestinal Disorders; Joslin, Diabetic Manual; McLester, Nutrition and Diet in Health and Disease; Moore, Syphilology; Sutton and Sutton, Disorders of the Skin; Ormsby and Montgomery, Diseases of the Skin; Cooke, Allergy, Theory and Practice; White, Heart Disease; Dressler and Roesler, An Atlas of Electrocardiography; Friedberg, Diseases of the Heart; Taussig, Congenital Malformation of the Heart; Wintrobe, Clinical Hematology; Whitby and Britton, Disorders of the Blood; Rubin, Diseases of the Chest; Soskin, Progress in Clinical Endocrinology.

DEPARTMENT OF NEUROLOGY AND NEUROSURGERY

Professor of Neurology and Neurosurgery	WILDER PENFIELD, *Chairman*
Professor of Neurosurgery	WILLIAM CONE
Professor of Experimental Neurology	HERBERT JASPER
Associate Professor of Neurology	FRANCIS MCNAUGHTON
Associate Professor of Experimental Neurology	K. A. C. ELLIOTT
Assistant Professors of Neurology	PRESTON ROBB ARTHUR W. YOUNG
Assistant Professors of Neurosurgery	HAROLD ELLIOTT ARTHUR ELVIDGE
Assistant Professor of Neurological Radiology	DONALD MCRAE
Assistant Professors of Experimental Neurology	ROY L. SWANK DONALD TOWER
Assistant Professor of Neuroanatomy	JERZY OLSZEWSKI
Lecturers in Neurology	C. MILLER FISHER D. L. LLOYD-SMITH BERNARD SMITH
Lecturers in Neurosurgery	WILLIAM FEINDEL JOHN HANBERY LAMAR ROBERTS
Lecturer in Experimental Neurology	C. AJMONE-MARSAN
Demonstrators in Neurology	BERNARD GRAHAM REUBEN RABINOVITCH
Demonstrator in Neuropathology	JOSEPH STRATFORD
Demonstrator in Electroencephalography	LEWIS HENDERSON

Fellows of the Montreal Neurological Institute

DONALD BAXTER	SHAFICA KARAGULLA
CLAUDE BÉLANGER	CHOH-LUH LI
GILLES BERTRAND	ALBERTO MARTINEZ-COLL
GUY COURTOIS	KENNETH PAINE
CHESTER CULLEN	JOHN ROTH
MARGARET DILLWORTH	JOSEPH STRATFORD
PIERRE GLOOR	JOHN VAN BUREN
DAVID INGVAR	

SECOND YEAR

2A ANATOMY AND PHYSIOLOGY OF THE CENTRAL NERVOUS SYSTEM (Anatomy 2 and Physiology 2). Two hours lecture, two hours laboratory and one hour demonstration per week, during the first term.

This is one course, given by the Departments of of Anatomy, Neurology and Neurosurgery, and Physiology.

Professors McNaughton, Olszewski, and Jasper

2B NEUROLOGICAL ASPECTS OF PHYSIOPATHOLOGY. 3 lectures. Department of Medicine. *Professors McNaughton and Jasper*

2C NEUROLOGICAL EXAMINATION OF THE NERVOUS SYSTEM. 2 theatre clinics. Department of Medicine (1 at M.G.H., 1 at R.V.H.).

Professor Robb

THIRD YEAR

3A SURVEY OF NEUROLOGY AND NEUROSURGERY. 24 lectures. Saturdays, 8:45 to 9:40. M.N.I. Amphitheatre.

Professors Penfield and McNaughton

FOURTH YEAR

4A NEUROLOGICAL AND NEUROSURGICAL CLINICS. 20 lectures clinics. Saturdays, 10:00 to 11:00. M.N.I. Amphitheatre.

Professors Cone and Robb

4B-1 NEUROLOGICAL O.P.D. R.V.H. Outpatient Department. Monday and Thursday*, 2:00-3:00. *Professor McNaughton and Assistants*

4C-1 NEUROLOGY WARD CLASSES. Department of Medicine. Wednesdays, 8:45-9:45 (R.V.H. group). *Professor Young*

4B-2 and 4C-2 COMBINED NEUROLOGICAL O.P.D. AND WARD CLASSES. M.G.H. Mondays and Fridays, 2:00-3:00 (M.G.H. group).

Professor Robb and Assistants

4D-1 NEUROSURGERY WARD CLASSES. Department of Surgery. M.N.I. (R.V.H. group). Mondays, 1:00-2:00.

Professor Cone and Assistants

4D-2 NEUROSURGERY WARD CLASSES. Department of Surgery. M.N.I. (M.G.H. group.) Thursdays, 1:00-2:00.

Professor Elvidge and Assistants

*Two Thursdays per month only.

4E-1 NEUROLOGY SEMINAR. Wednesdays, 2:00-3:00. M.N.I. Amphitheatre.
Dr. Lloyd-Smith and Assistants

4E-2 NEUROLOGY SEMINAR. M.G.H. Outpatient Department. Fridays, 3:00-4:00. *Professor Robb and Assistants*

ELECTIVE COURSES

A. SEMINAR IN NEUROANATOMY. M.N.I. 3 hours weekly (6 months).

1. Lectures, demonstrations and discussions, correlated with Seminar in Neurophysiology (B), Mondays, 5 p.m., beginning in November.
2. Advanced Neuroanatomy for selected group; brain modelling; 2 laboratory periods weekly beginning in December; times to be arranged.
Professors McNaughton and Olszewski

B. SEMINAR IN NEUROPHYSIOLOGY, M.N.I. 2 hours weekly (6 months). Lectures, demonstrations and discussions, correlated with Seminar in Neuroanatomy (A), Mondays, 8 p.m., beginning in November.
Professor Jasper and Dr. Ajmone-Marsan

C. COLLOQUIUM IN CLINICAL NEUROLOGY, 1 hour weekly. Clinics and lectures. Wednesdays, 5 p.m., M.N.I.
Members of Staff, Professor Donald Tower, Secretary

D. SEIZURE MECHANISMS AND CEREBRAL LOCALIZATION: Neurosurgical, Electroencephalographic, and Roentgenographic Conference. M.N.I., 2 hours weekly (9 months). *Professors Penfield, Jasper, and McRae*

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

Professor N. W. PHILPOTT, *Chairman*

Associate Professor C. V. WARD

Assistant Professors
W. R. FOOTE
J. S. HENRY
G. B. MAUGHAN
ELEANOR PERCIVAL
G. A. SIMPSON
G. J. STREAN

Lecturers
M. HENDELMAN
J. P. A. LATOUR
J. L. MACARTHUR
K. T. MACFARLANE
THOMAS PRIMROSE
J. H. ROUTLEDGE
D. W. SPARLING

Demonstrators

P. R. Blahey	Simon Gold
H. B. Bourne	Joseph Portnuff
J. R. Dodds	F. J. Tweedie
Grace Donnelly	M. H. V. Young

The course is arranged to impart a practical knowledge of Obstetrics, Gynaecology, and the Care of the New-born. The value of intimate contact with the patient in the normal and the abnormal state is stressed.

The privilege of serving as an interne in the hospital for two weeks, treating the patients from the time of admission till discharge from hospital, is an ideal arrangement. Rooms are provided in the Women's Pavilion where the students may reside, in groups of six, during this period. Individual instruction is given by the Resident Staff and Fellows.

REQUIRED COURSES

SECOND YEAR—

Sixteen lectures are given as an introduction to the subject. These lectures are relative to the anatomy and physiology of the genital tract. The physiology of pregnancy is also described.

Professors Philpott and Simpson and Dr. Latour

THIRD YEAR—

OBSTETRICS

1. Twenty-eight lectures to teach the fundamentals of pregnancy, labour, and the puerperium. *Senior members of the Staff*

2. Eighteen demonstrations of obstetrical palpation and manikin instruction to illustrate the diagnosis and management of normal and abnormal presentations. *Professor Simpson and Assistants*

3. Six clinics in the caseroom or wards to teach the care of the patient in the hospital. *Professor Simpson and Assistants*

4. Six classes to demonstrate the care of the newborn.

Professor Jessie B. Scriver and Assistants

GYNAECOLOGY

1. Five lectures to describe the more common gynaecological diseases.

Professor Ward and Assistants

2. Thirty-six demonstrations or lectures at the bedside or in the out-patient department, to demonstrate the diagnosis and treatment of gynaecological patients. *Professor Ward and Assistants*

FOURTH YEAR—

OBSTETRICS

1. Thirty-four clinical conferences to illustrate the management of the obstetrical complications. *Professor Philpott*

2. Group ward rounds once a week to present the current interesting cases. *Professors Philpott and Simpson*

3. Thirty-two hours in bedside clinics and the caseroom to teach the management of the obstetrical patient. *Senior members of the Staff*

4. Facilities are presented for attending sixteen antenatal clinics. *Members of the Staff*

GYNAECOLOGY

1. Twelve bedside clinics to be given in the gynaecology wards. *Senior members of the Staff*

2. Eight lecture-demonstrations in Gynaecological Pathology. *Dr. Latour and Assistants*

3. Eight hours of clinical instruction are given on the diagnosis and treatment of genital cancer. *Dr. Latour*

4. Facilities are extended for attending sixteen gynaecology outpatient clinics. *Members of the Staff*

Obstetrics Text and Reference Books: Beck, Obstetrical Practice; De Lee-Greenhill, Principles and Practice of Obstetrics; Eastman, Textbook of Obstetrics; Gibbard, Textbook of Midwifery; W. Shaw, Textbook of Midwifery.

Gynaecology Text and Reference Books: Curtis-Huffman, Textbook of Gynaecology; Novak, Textbook of Gynaecology; Shaw, Wilfred, Textbook of Gynaecology; Ten Teachers, Diseases of Women.

DEPARTMENT OF OPHTHALMOLOGY

Professor	K. B. JOHNSTON, *Chairman*
Assistants Professors	BENJAMIN ALEXANDER
	J. V. V. NICHOLLS
Lecturers	L. S. S. KIRSCHBERG
	D. W. MCDONALD
	WILLIAM TURNBULL
	R. J. VIGER

Demonstrators

R. A. Bourne
J. B. Conroy
Hugh Duncan
H. Wyatt Laws
John C. Locke

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses in the Third and Fourth years of the Medical course:

THIRD YEAR

1. ROUTINE EXAMINATION OF THE EYE

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours.

2. LECTURE DEMONSTRATIONS TO ENTIRE CLASS

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential information for the clinical work of the final year.

Ten hours.

FOURTH YEAR

CLINICAL OPHTHALMOLOGY

This teaching is conducted in the Ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals. The class is divided into groups of ten, each group receiving twenty-five hours instruction. Ocular problems that are of greatest moment in general practice are discussed. This includes the external diseases of the eye, the main ophthalmological findings in systemic disorders, affections of the nervous system, and as far as possible a co-relation of the clinical and histological ocular changes.

Textbooks: May and Worth, Gifford, Parsons, Berens.

Reference books: Duke-Elder.

DEPARTMENT OF OTO-LARYNGOLOGY

Professor	W. J. McNally, *Chairman*
Assistant Professors	E. E. Scharfe
	G. E. Tremble
Lecturers	H. E. McHugh
	F. W. Shaver
	E. A. Stuart
Demonstrators	Arnold Grossman
	E. John Smith
	T. M. Tanton

Instruction in Oto-Laryngology is given to students of the Third and Fourth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Medical motion pictures are used as a supplement to the class-room lecture and clinical demonstration.

THIRD YEAR

A course of 6 demonstrations is given to students of the Third year. These demonstrations deal with the normal anatomy of the ear, nose, and throat, and with methods of examination. The students are required to examine the patients and recognize the normal and common pathological conditions of the ear, nose, and throat. Ward rounds are made to illustrate the pre- and post-operative methods of treatment.

Lecture Course:

Ten practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the oesophagus.

FOURTH YEAR

Sixteen clinical demonstrations are given in the out-patient departments and wards of the hospital. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text and Reference Books: Ballenger, A Manual of Otology, Rhinology and Laryngology (Macmillan); Geo. D. Wolfe, Ear, Nose and Throat (Lippincott); W. Wallace Morrison, Diseases of the Nose, Throat and Ear (McAinsh); Jackson and Jackson, Diseases of the Nose, Throat and Ear (W. B. Saunders); Chevalier Jackson, Bronchoscopy, Oesophagoscopy and Gastroscopy (W. B. Saunders); Sir St. Clair Thomson and Negus, Diseases of the Nose and Throat (McAinsh). Logan Turner's Diseases of the Nose, Throat and Ear, Edited by Douglas Guthrie.

DEPARTMENT OF PAEDIATRICS

Professor	——— *Chairman*
Associate Professor	ALAN ROSS
Assistant Professors	R. L. DENTON
	A. K. GEDDES
	JESSIE SCRIVER
	E. M. WORDEN
Lecturers	H. L. BACAL
	BEN BENJAMIN
	P. N. MACDERMOT
Demonstrators	HELEN BRICKMAN
	T. A. COWAN
	S. I. DOUBILET
	CHARLOTTE FERENCZ
	VICTOR C. GOLDBLOOM
	ELEANOR HARPUR
	ARNOLD JOHNSON
	DAVID KLEIN
	ROBERT LENNOX
	D. R. MCCRIMMON
	J. H. O'NEILL
	SYDNEY PEDVIS
	FREDERICK SHIPPAM
	S. J. USHER
	ISOBEL WRIGHT
Teaching Fellows	FRANCES MCCALL
	GRANVILLE NICKERSON

REQUIRED COURSES

1. LECTURES

(a) An Introductory course of 12 lectures in the winter term of the Second year covering physical and mental development of the infant and child, the bases of nutritional requirements of the growing child, mineral and water metabolism, the embryology of congenital defects.

(b) A series of 36 lectures once weekly during the Third year designed to cover the various aspects of Diseases of Children; Nutrition, Hygiene, Infections, Communicable Diseases, Preventive Medicine, etc.

Staff

2. DISEASES OF THE NEWBORN: ROYAL MATERNITY PAVILION

A weekly clinic-demonstration to groups of students of the third year during their obstetrical quarter.

(a) An Introductory course of 12 lectures in the winter term of the

Professors Scriver, Ross, Geddes, and Worden

3. CLINICAL PAEDIATRICS

(a) During the third year the class is divided into groups, each group devoting the mornings of six weeks to clinical instruction at the Children's Memorial Hospital.

(b) Groups during the final year will spend four weeks entirely at the Children's Memorial Hospital as clinical clerks under tutors—3 or 4 students to each tutor. Work will be divided between the wards and the out-patients department.

Staff

(c) Care and feeding of the normal infant, immunization procedures, preventive paediatrics; Child Welfare clinics.

Dr. Benjamin and Staff

(d) Infectious Diseases.

A series of demonstrations to groups of students on the common infectious diseases is given at the Alexandra Hospital as part of the instruction of the final year. *Professor Worden*

Textbooks: Holt and McIntosh, Diseases of Infancy and Childhood; Mitchell and Nelson, Diseases of Infants and Children; Ellis, Diseases of Infancy and Childhood; Paterson and Moncrieff, Diseases of Children.

Reference Books: Brenneman, Practice of Pediatrics; Gamble, Extracellular Fluids; Smith, Physiology of the New Born Infant; Caffey, Pediatric X-Ray Diagnosis; Windle, Physiology of the Fetus; Kanner, Child Psychiatry; Wilkins, The Diagnosis and Treatment of Endocrine

Disorders in Childhood and Adolescence; Ford, Diseases of the Nervous System in Infancy, Childhood and Adolescence; Gesell, The Embryology of Behaviour; DeSanetis and Varga, Handbook of Pediatric Medical Emergencies; Goldbloom, Care of the Child.

DEPARTMENT OF PARASITOLOGY

Professor	T. W. M. CAMERON, *Chairman*
Associate Professors	DONALD FAIRBAIRN
Assistant Professor	R. P. HARPUR
Lecturer	L. P. E. CHOQUETTE

REQUIRED COURSES

SECOND YEAR

2A. HUMAN PARASITOLOGY

This course on the animal parasites of man (protozoa, helminths, and arthropods) comprises about 50 hours of instruction. Special attention is given to parasites found in North America, their diagnosis, bionomics, and pathogenesis as well as to the more important animal vectors of disease. Exotic forms are more briefly discussed. In the practical class, each student examines all the important species as well as the lesions caused by them.

First term—Two lectures and one laboratory period per week.

ELECTIVE COURSES

The Department not only provides facilities for advanced research work at the Institute of Parasitology, but offers diadactic courses in general and comparative parasitology and courses leading to the degrees of M.Sc., and Ph.D. (See Announcement of the Faculty of Graduate Studies and Research.)

Textbook: T. W. M. Cameron, The Parasites of Man in Temperate Climates (2nd ed.).

DEPARTMENT OF PATHOLOGY

Strathcona Professor	G. LYMAN DUFF, *Chairman*
Professor	THEO. R. WAUGH
Associate Professors	G. C. MCMILLAN
	J. E. PRITCHARD
	DOUGLAS O. W. WAUGH

Lecturers	W. H. Mathews F. W. Wiglesworth
Sessional Lecturers	C. Miller Fisher M. B. Mackenzie
Demonstrators	D. W. Huestis F. G. Steen W. J. Wyatt
Sessional Demonstrator	M. A. Simon
Fellow	Igor Klatzo

REQUIRED COURSES

1. COURSE IN GENERAL PATHOLOGY (SECOND YEAR)

A. Lectures with epidiascopic and microscopic demonstrations during the Autumn and Winter terms totalling 60 hours.

Professors Duff, McMillan, and Douglas Waugh

B. Practical laboratory classes during the Autumn and Winter terms totalling 72 hours.

Professor Douglas Waugh with Demonstrators

2. COURSE IN SPECIAL PATHOLOGY (SECOND AND THIRD YEARS)

A. Lectures during the Spring term of Second year and throughout the third year totalling 96 hours.

Professors Duff, Theo. R. Waugh, and Staff

B. Two practical laboratory classes per week during the Winter and Spring terms totalling 96 hours.

Professor Douglas Waugh will Demonstrators

C. One demonstration of gross pathological material per week to students in small groups throughout the Third year totalling 36 hours.

Lecturers and Demonstrators

3. COURSE IN APPLIED PATHOLOGY (THIRD AND FOURTH YEARS)

A. Pathological Conferences with demonstrations of current autopsy material. Once a week during the Autumn, Winter, and Spring terms (54 hours).

Professor Duff

B. Group instruction in performance of autopsies with demonstrations of autopsy findings, during Autumn, Winter, and Spring terms. Time according to material.

Pathological Institute — *Professor Duff and Dr. Huestis*

Montreal General Hospital — *Professor Pritchard and Dr. Mathews*

Children's Memorial Hospital — *Dr. Wiglesworth*

Textbook: Anderson, Pathology (Mosby); Boyd, Text-Book of Pathology (Lea & Febiger); Karsner, Human Pathology (Lippincott); Moore, Text-Book of Pathology (Saunders); Muir, Text-Book of Pathology (Arnold); Wright, Introduction to Pathology (Longmans Green).

Reference Books:

General: Boyd, Surgical Pathology (Saunders); Boyd, Pathology of Internal Diseases (Lea & Febiger); Forbus, Reaction to Injury (Williams & Wilkins); Reimann, Kaufmann's Pathology (Blakiston); Smith and Gault, Essentials of Pathology (Appleton Century); Willis, The Pathology of Tumours (Butterworth).

Special: Naegeli, Blutkrankheiten und Blutdiagnostik (Julius Springer); Whitby and Britton, Disorders of the Blood (Churchill).

Biggart, Pathology of the Nervous System (Livingstone); Buzzard and Greenfield, Pathology of the Nervous System (Churchill); Freeman, Neuropathology (Saunders).

Novak, Gynaecological and Obstetrical Pathology (Saunders); Geschikter, Diseases of The Breast (Lippincott); Geschikter and Copeland, Tumours of Bone (American Journal of Cancer).

Farber, The Post Mortem Examination (Charles Thomas); Saphir, Autopsy Diagnosis and Technique (Hoeber).

DEPARTMENT OF PHARMACOLOGY

Professor ———

Associate Professor K. I. MELVILLE

Lecturer B. G. BENFEY

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

REQUIRED COURSES

1A. PHARMACOLOGY

The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.

Two lectures a week during the Autumn and Winter terms. Second year.

Professors ——— and Melville, and Dr. Benfey

1B. PHARMACOLOGICAL LABORATORY

The experiments are chosen to illustrate the lecture course.

One period (three hours) a week during the Autumn and Winter terms. Second year. *Professors ——— and Melville, and Dr. Benfey*

Textbooks: Krantz and Carr, Clark.

OPTIONS

Suitably prepared students may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See Announcement of the Faculty of Graduate Studies.

DEPARTMENT OF PHYSIOLOGY

Joseph Morley Drake Professor F. C. MACINTOSH, *Chairman*	
Professor	A. S. V. BURGEN
Associate Professors	B. D. BURNS
	NORRIS GIBLIN
Assistant Professors	SIMON DWORKIN
	PAUL SEKELJ
	KATHLEEN G. TERROUX
Lecturers	V. B. BROOKS
	HELEN HENRIKSON
	A. L. JOHNSON
Teaching Fellow	PETER OBORIN

FIRST YEAR

1. PHYSIOLOGY

Tuesday, Thursday, Saturday at 9 a.m., beginning in October.

1L. PHYSIOLOGICAL LABORATORY

Three hours a week, from October.

INTRODUCTION TO MEDICINE

One hour per week from October. A presentation of selected clinical material, from the standpoint of the basic medical sciences. The sessions are conducted in turn by the Departments of Anatomy, Biochemistry, and Physiology.

SECOND YEAR

2. ANATOMY AND PHYSIOLOGY OF THE CENTRAL NERVOUS SYSTEM

Two hours lecture, two hours laboratory and one hour demonstration per week, during the first term.

This is one course, given by the Departments of Anatomy, Neurology and Neurosurgery, and Physiology.

Textbooks:

Systematic Physiology: Best and Taylor, The Living Body; Howell, Textbook of Physiology; Starling, Human Physiology.

Applied Physiology: Best and Taylor, Physiological Basis of Medical Practice; Wiggers, Physiology in Health and Disease; Wright, Applied Physiology.

OTHER COURSES

Further courses are available only to students who have achieved a high standing in the required courses: by application to the Chairman of the Department.

DEPARTMENT OF PSYCHIATRY

Professor — D. E. CAMERON, *Chairman*

Associate Professors — R. A. CLEGHORN; M. M. HOFFMAN; R. B. MALMO; A. E. MOLL; MIGUEL PRADOS; BARUCH SILVERMAN

Assistant Professors

SAUL ALBERT
T. E. DANCEY
F. R. HANSON
H. E. LEHMANN
G. E. REED
TAYLOR STATTEN
ERIC WITTKOWER

Lecturers

JACQUES BEAUBIEN
CARLO BOS
HYMAN CAPLAN
ELLIOTT EMMANUEL
HENRY HERSHON
L. G. HISEY
V. A. KRAL
A. W. MACLEOD
E. L. MARGETTS
C. H. SKITCH
SAUL WILNER

Demonstrators

MARION BIRMINGHAM
H. A. BOWES
WALTER BREMNER
FERN CRAMER
BERNARD GRAD
B. F. GRAHAM
ANGELA HEFFERNAN
MURRAY SAFFRAN
MANUEL STRAKER
J. L. WEBB

REQUIRED COURSES

1. PSYCHOBIOLOGY—A course of twelve lectures will be given in the First year. In this course, the various aspects of human behaviour will be stressed, with special reference to their relationship to medicine.
Professor Cameron

2. PSYCHIATRY—Eighteen lectures on the basic behavioral disorders will be given. During the Second year both those disorders which required hospitalization and those which can be dealt with on an ambulant basis will be considered. *Professor Reed and Assistants*

3. 70 hours of clinical instruction will be given during the Third year. This instruction will be held primarily on the wards of the teaching hospitals and in the Out-Patient Departments.
Professors Cameron, Prados, Moll, and Dancey

4. A course of eight lectures will be given on child psychiatry during the Fourth year. *Professor Silverman*

5. Clinical demonstration, out-patient instruction, and ward rounds will be held during the Fourth year. Certain of these will be devoted to early behavioral disturbances, psychosomatic and toxic states, and drug addictions. *Professors Cameron, Stern, and Cleghorn*

6. Instruction will be given in adult out-patient psychiatry in the Psychiatric Outdoor Department in the Royal Victoria Hospital, and in child out-patient psychiatry at the Mental Hygiene Institute.
Professors Prados and Silverman

7. Instruction in the care of long term cases, and institutional psychiatry, will be given at the Allan Memorial Institute and Verdun Protestant Hospital. *Professors Reed and Lehman and Dr. Skitch*

DEPARTMENT OF RADIOLOGY

Professor	CARLETON B. PEIRCE, *Chairman*
Associate Professors	J. J. L. BOUCHARD JOSEPH W. MCKAY
Assistant Professor	D. L. MCRAE
Assistant Professor of Physics	L. G. STEPHENS-NEWSHAM
Lecturers	N. M. BROWN E. F. CRUTCHLOW
Demonstrators	J. S. DUNBAR R. G. FRASER

FIRST YEAR

In co-operation with the Department of Anatomy, demonstrations are given on the roentgenologic anatomy of the skeletal, respiratory, gastro-intestinal, and urogenital systems, including fluoroscopic demonstrations of functional anatomy of joints, the thoracic viscera, and the alimentary tract. *Professor Peirce and Staff*

(*Not given in 1952-53.*)

SECOND YEAR

INTRODUCTION TO RADIOLOGY

In co-operation with the Department of Medicine (Course II 2) as an introduction to special methods in Physical Diagnosis, the various means of radiologic examination are demonstrated to small groups of students in the Teaching Hospitals. The fluoroscopic and roentgenographic methods of study of the cardio-respiratory and gastro-intestinal systems especially are compared with the clinical means in physical examination.
Professors Peirce and McKay and Staff

THIRD YEAR

III ROENTGEN PATHOLOGY AND RADIATION THERAPY

A course of 24 lectures presenting the general features of roentgen interpretation, systematic roentgen pathology, and the principles of roentgen and radium therapy.

Professors Peirce, Bouchard, McKay, McRae, Stephens-Newsham, and Staff.

FOURTH YEAR

IV CLINICAL RADIOLOGY

Conference periods, two hours weekly each quarter, during which the students in the several Teaching Hospitals discuss clinical case material with the members of the Department.

Professors Peirce, Bouchard, McKay, and McRae, and Staff

POST-GRADUATE INSTRUCTION

DIPLOMA IN RADIOLOGY

Details of the Post-Graduate course leading to the Diploma in Radiology of the Faculty of Medicine may be obtained from the Dean's Office or the Chairman of the Department.

Post-graduate training prerequisite to certification in the specialty by the Royal College of Physicians and Surgeons (Canada) or the American Board of Radiology is available in the teaching hospitals to selected graduates of approved Faculties or Schools of Medicine.

Text and Reference Books: Meschan, Normal Radiographic Anatomy; Sante, Principles of Roentgenological Interpretation; Holmes and Robbins, Roentgen Interpretation; Rigler, Outline of Roentgen Diagnosis; Hodges, Lampe and Holt, Radiology for Medical Students; Shanks, Kerly and Twining, Text Book of Radiology; Golden et al., Diagnostic Radiology; Pancoast, Pendergrass and Schaeffer, Head and Neck in Roentgen Diagnosis; Kohler, Roentgenology; Wesson and Ruggles, Urological Roentgenology; Barclay, The Digestive Tract; Pohle, Theoretical Principles of Roentgen Therapy; Glasser, Quimby, Taylor, and Weatherwax, Physical Foundations of Radiology.

DEPARTMENT OF SURGERY

Professors G. Gavin Miller, *Chairman*
P. G. Rowe

Associate Professors

J. C. Armour
D. E. Ross
S. J. Martin
A. L. Wilkie

Assistant Professors

S. G. Baxter
H. L. Dawson
H. S. Dolan
C. M. Gardner
J. W. Gerrie
J. C. Luke
C. A. McIntosh
E. A. McNaughton
H. S. Morton
H. F. Moseley
H. G. Pretty
D. R. Webster

Lecturers

H. A. Baxter
W. M. Couper
J. C. Dickison
G. A. Holland
G. D. Little
D. W. MacKenzie, Jr.
J. C. Sutton
A. M. Vineberg
F. M. Woolhouse

Demonstrators

F. D. Ackman
A. R. Bazin
E. H. Cayford
R. L. Estrada
F. N. Gurd
J. F. Hopkirk
A. F. Jones
R. N. Lawson
R. C. Long
J. R. McCorriston
C. K. McLeod
D. R. Murphy
J. D. Palmer
D. W. Ruddick
H. J. Scott
Israel Shragovitch

ORTHOPAEDIC SURGERY

Assistant Professors J. G. Petrie
J. G. Shannon

Lecturer J. A. L. Walker

Demonstrators

A. A. Butler
S. E. Goldman
Robert G. Townsend
C. Laird Wilson

UROLOGY

Clinical Professor — E. S. SMITH

Assistant Professor — R. G. REID

Lecturers

A. B. HAWTHORNE — M. I. SENG
S. A. MACDONALD

Demonstrators

J. T. MACLEAN — MAX RATNER
C. A. MOORE — ALEX. STRASBERG

REQUIRED COURSES

SECOND YEAR

Surgical teaching begins in the Winter term (24 weeks) of the Second year. In this year special attention is directed to the instruction and training of the student in proper methods of physical examination from the surgical point of view. At the same time, instruction is given in methods of surgical technique, and the student is introduced to the simpler types of fractures and dislocations.

2A. A COURSE OF LECTURES (22) covering the history of Surgery and an introduction to the study of surgical diseases.

2B. GROUP CLASSES in the wards of the Montreal General and Royal Victoria Hospitals. At these, small groups of students are instructed in methods of examination as applied to surgery and its allied specialties.

THIRD YEAR

The student comes into a more intimate contact with the patients, and in the surgical trimester is assigned cases, writes case reports, acts as dresser, and assists at operations.

*3A. AMPHITHEATRE CLINICS AND DEMONSTRATIONS in the Montreal General and Royal Victoria Hospitals, one day a week throughout the year.

3B. GROUP WARD CLASSES in the Montreal General and the Royal Victoria Hospitals. Four times week during the term.

3C. CASE REPORTING. Patients are allotted to students who act as reporters, dressers, and assistants at operations.

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*Amphitheatre Clinics 3A and 4A are so arranged that all surgical subjects are presented during the two year course.

FOURTH YEAR

*4A. AMPHITHEATRE CLINICS AND DEMONSTRATIONS in the Montreal General and Royal Victoria Hospitals alternately, once a week throughout term.

4B. GROUP WARD CLASSES AND WARD ROUNDS in the Montreal General and Royal Victoria Hospitals, four times a week during the surgical quarter.

4C. CASE REPORTING

4D. CLINICO-PATHOLOGICAL CONFERENCES once a week during the term, jointly with the Department of Pathology, at the Montreal General and Royal Victoria Hospitals.

4E. Two students are in residence for periods of one week at the Royal Victoria Hospital.

SURGICAL DISEASES OF CHILDREN —

Instruction in the surgical diseases of children is given during the trimester in which the students are assigned to paediatrics at the Children's Memorial Hospital, as follows:

4A. AMPHITHEATRE CLINICS once a week throughout trimester.

4B. GROUP WARD CLASSES three times a week throughout trimester.

ORTHOPAEDIC SURGERY —

FOURTH YEAR

4A. CLINICAL LECTURES. A course of 8 lectures given at the hospitals.

4B. WARD CLASSES at the Montreal General and Royal Victoria Hospitals, once a week during the surgical trimester.

4C. GROUP CLASSES IN THE OUT-DOOR DEPARTMENT of the Montreal General and Royal Victoria Hospitals, twice a week during the surgical trimester.

ANAESTHESIA —

Students are given practical instruction in the administration of anaesthetics, during their surgical trimesters in the Fourth year at the Montreal General and Royal Victoria Hospitals.

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*Amphitheatre Clinics 3A and 4A are so arranged that all surgical subjects are presented during the two year course.

Close correlation is maintained with the Departments of Anatomy and Physiology as well as with the concurrent instruction in Medicine, Pathology, and Bacteriology.

The course is graded and the student is required to qualify in each grade before he is permitted to advance to succeeding grades.

UROLOGY —

SECOND YEAR

2A. CLINICAL UROLOGY

Group classes, 4 demonstrations, in which instruction in methods of Urological examination is given in the Montreal General and Royal Victoria Hospitals. (*See Surgery 2B.*)

FOURTH YEAR

4A. CLINICAL LECTURES. A course of theatre clinics in each of the hospitals.

4B. UROLOGICAL CLINICS. Ward classes.

The Montreal General Hospital—3 classes a week.

Royal Victoria Hospital—3 classes a week.

4C. CASE REPORTING IN UROLOGICAL WARDS

Instruction in surgery and the surgical specialties is given in the form of didactic lectures, amphitheatre clinics, and demonstrations and group teaching in the wards and out-patient departments of the teaching hospitals. The course is graded. The student must qualify in each year before proceeding to the next.

Textbooks:

1. *General Surgery:* Aird, Companion in Surgical Studies; Bailey, Demonstration of Physical Signs in Clinical Surgery; Berman, Principles and Practice of Surgery; Christopher, Minor Surgery; Christopher, Textbook of Surgery; Cole and Elman, Textbook of General Surgery; Homans, Textbook of Surgery; Moseley, Textbook of Surgery.

2. *Surgical Anatomy:* McGregor, Synopsis of Surgical Anatomy; Beasley and Johnson.

3. *Fractures and Dislocations:* Watson Jones, Fractures and other Bone and Joint Injuries; Eve, Handbook of Fractures.

4. *Case Reporting:* J. Renfrew White, The Clinical Examination of Surgical Clases.

5. *Urology*: Eisendrath and Rolnick, Urology; Herman, Practice of Urology; Hinman, Principles and Practice of Urology; Keyes and Ferguson, Urology; Young, Practice of Urology; Le Comte, Manual of Urology; Winsbury-White, Textbook of Genito-Urinary Surgery.

6. *Orthopaedic Surgery:* Mercer, Orthopaedic Surgery; Willis Campbell, Orthopaedic Operations.

GRADUATE INSTRUCTION

1. Any medical graduate of McGill University who so desires may attend any of the regular undergraduate clinics. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. Special graduate work is offered in every department, both in the laboratories and in the clinics. Applications in writing, addressed to the chairman of the department concerned, must state the qualifications and experience of the applicant and the nature of the work he desires to do. The minimum fee is $30.00 a term (10 weeks).

A Diploma in Public Health and a Diploma in Tropical Medicine and Hygiene are granted by McGill University.

These courses are conducted by the Department of Health and Social Medicine, with the collaboration of other departments in the Faculty of Medicine and the assistance of members of other faculties in the University who have a special interest in this field. Practical instruction and application are made possible through the co-operation of the Department of Health of Montreal and voluntary health agencies.

The Department of Health and Social Medicine is housed in quarters at 490 Pine Avenue West, within easy access of the Medical Building. The building contains ample accommodation for lectures, seminars, and demonstrations. In addition to the excellent facilities of the Library of the Faculty of Medicine, which are at the disposal of students, the Department has its own library and reading-room. The building is also the headquarters of the Student Health Service.

DIPLOMA IN PUBLIC HEALTH (D.P.H.)

The course is designed to train graduates in medicine in the increasingly wider concept of the public health service. It includes:

SOCIOLOGY, with special reference to the practice of Medicine;

STATISTICAL METHODS from the point of view of providing an understanding of the fundamental principles of statistics as they are applied to medical science for the critical analysis of surveys and reports; instruction is given in carrying on research involving statistical techniques;

VITAL STATISTICS, including Biometrics, stressing the importance of the accurate recording of essential data, observations, and other findings, together with their practical significance and application;

EPIDEMIOLOGY as defined in its broadest sense, including communicable disease control and the assessment of morbidity in non-communicable diseases;

PUBLIC HEALTH LAW and its administration;

HYGIENE OF THE ENVIRONMENT, including Sanitation, Housing, and Nutrition; Physiological Hygiene;

INDUSTRIAL TOXICOLOGY AND INDUSTRIAL HYGIENE;

HYGIENES, PHYSICAL AND MENTAL: Maternal, Infant, Pre-School, School, and Adult;

BACTERIOLOGY, PARASITOLOGY, AND IMMUNOLOGY, as related to public health practice;

SOCIAL AND ECONOMIC FACTORS IN HEALTH; programmes designed to deal with them;

PUBLIC HEALTH PRACTICE: The organization and administration of public health programmes, including Preventive Medicine, especially as they pertain to the public health agency, the family physician, and the social worker;

FIELD WORK: A period of three months' approved field work must be undertaken before the Diploma is granted. Facilities are available in fields of special interest, such as Tuberculosis, Venereal Disease, School Health, etc.

Candidates for the Diploma in Public Health must be graduates in Medicine of a recognized university.

The Diploma in Public Health course covers one academic year from September to April, with three months' additional field work.

The Fee for the Diploma in Public Health is $250.00, a portion of which—$25.00—the candidate is requested to deposit on acceptance of his application. Application must be made before June 1st.

DIPLOMA IN TROPICAL MEDICINE AND HYGIENE (D.T.M. & H.)

Tropical Medicine is coming to occupy a prominent place in medical education in North America as a direct outcome of the war and the rapid advance of aeroplane travel.

The present course in Tropical Medicine is a development of the short course given during the war to members of the armed forces. It has been revised and adjusted to post-war conditions.

The course of didactic instruction occupies a full academic year. Classes for the first term are in common with those for the Diploma in Public Health. Those for the second term are held at the Institute of Parasitology at Macdonald College of McGill University. The teaching collection at the Institute is a large and representative one. The work is practical as well as theoretical, and includes a study of Parasitology and Medical Entomology, laboratory diagnoses of tropical and sub-tropical diseases, and lectures on the diseases of the tropics, on tropical hygiene, and minor sanitation.

Clinical instruction must, of necessity, be limited in temperate climates. This aspect is, therefore, deferred to the final part of the course which is given in the tropics at the conclusion of the didactic instruction. The course consists of clinical and field work for which arrangements have been made with Georgetown, British Guiana, Port of Spain, Trinidad, and Venezuela.

Candidates for the Diploma in Tropical Medicine and Hygiene must be graduates in medicine of a recognized university. Certain additional courses may be required of those who are not recent graduates or of those who have not had sufficient clinical practice.

The Fee for the Diploma in Tropical Medicine and Hygiene is $250, or $50.00 if preceded by the D.P.H. course at McGill University, or $100.00 for those who have taken a D.P.H. elsewhere.

Application must be made prior to June 1st.

BUILDINGS—

THE MEDICAL BUILDING

This building, erected in 1911, contains the Offices of Administration, the Medical Library (with its 74,000 volumes, its Reading Rooms, and their complete set of technical journals), the Department of Anatomy, and the Museums of Anatomy and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department. The laboratories for Histology and Embryology have excellent facilities with space for 120 students, and smaller rooms for research.

THE BIOLOGICAL BUILDING

Completed in 1922, this building was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. The extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Genetics, Biochemistry, Physiology, and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the laboratory for Experimental Surgery. This two-storey building contains two operating units with sterilization and anaesthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital and the Montreal Neurological Institute by tunnels, is situated on the northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology and Bacteriology and includes a Pathological Museum and museum workshops. It combines under one roof quarters for teaching and research in these departments, and it provides ample facilities and equipment for instruction of students, and the research work of the Staff.

THE MONTREAL NEUROLOGICAL INSTITUTE

This eight-storey building, which is situated on University ground adjacent to the Pathological Institute and the Royal Victoria Hospital, was opened in 1934. Unsurpassed in its equipment and facilities for research, as well as the medical and surgical treatment of disorders of the nervous system, it houses the University Department of Neurology and Neurosurgery, which conducts both undergraduate and graduate teaching

in the Faculty of Medicine. In addition to wards, operating rooms, and laboratories for treatment and study of diseases of the nervous system, the building provides facilities for graduate study and research in the related fields of basic science.

THE ALLAN MEMORIAL INSTITUTE

In 1943 a large building and site were donated as a basis for the development of an Institute of Psychiatry. The building was reconstructed to permit of the establishment of a fifty bed unit, together with extensive research laboratories, and was officially opened July 12th, 1944. Since that time, both undergraduate and postgraduate teaching have been carried on.

THE DONNER BUILDING

The Donner Building for Medical Research, adjacent to the Medical Building, was completed in September 1948. Its erection was made possible through the generosity of William H. Donner of Philadelphia, the founder of the International Cancer Research Foundation, who provided the funds necessary for the construction of a building entirely devoted to medical research.

This building houses the Maxwell Lauterman Laboratories for Experimental Surgery and laboratories for Cytology and Dentistry.

HOSPITALS

Few medical schools on this continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical Faculty is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thereby made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:

Royal Victoria Hospital

Montreal General Hospital

Children's Memorial Hospital

Alexandra Hospital for Infectious Diseases

Verdun Protestant Hospital

Royal Edward Laurentian Hospital

Royal Victoria Montreal Maternity Hospital

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical Faculty. These affiliated hospitals contain over 3,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University buildings, comprises the following units under one administration:

1. The Royal Victoria Hospital proper, or the Main Building;
2. The Ross Memorial Pavilion for private patients;
3. The Women's Pavilion—Royal Victoria Montreal Maternity;
4. The Allan Memorial Institute.

The total bed complement is 739, with 96 bassinets. Admissions total approximately 17,500 and confinements are in excess of 3,000 a year. There are some 50,000 visits annually to the Out-Patient Department. The University Clinic was established in 1924 and has facilities for both clinical laboratory work and research.

Post-mortems total 55 per cent of the deaths.

The number of resident physicians is 96.

The Royal Victoria - Montreal Maternity Pavilion, with 214 beds for obstetrical and gynaecological cases. In this institution there are 117 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate student. In a typical year, the obstetrical service cared for over 3,000 confinements in the Hospital. In the gynaecological section, over 2,000 cases are admitted during the year.

There are ten resident physicians.

The Montreal General Hospital Central and Western Divisions is a general hospital of 650 beds for the treatment of acute diseases. In a typical year, there were approximately 14,000 admissions, while out-patient consultations for the same period approximated 167,000. The resident and interne staff numbers 80.

The "Montreal General" was founded in 1821 on its present site; two smaller buildings downtown had preceded it in 1816 and 1819. In actual

age, therefore, it is not by any means the oldest hospital in Canada, but its record in clinical teaching is easily the longest on the North American continent.

As soon as the Hospital opened, its staff began to arrange for students and, in 1824, they opened the first Medical School in Canada, the Montreal Medical Institution, with 25 students. Their teaching was carried on partly at the Hospital.

It was this School which agreed to form the Medical Faculty of McGill University in 1828. The University at that time had practically no students of any kind, and as it was required by the terms of the McGill bequest that teaching should begin before 1829, on penalty of losing the estate, The Montreal Medical Institution, with its ready-made course, came as a salvation. That was the beginning of the long and intimate association between the Hospital and the University.

The Children's Memorial Hospital has 185 public beds, and, in a typical year, admitted 4,000 patients. The attendance at its out-door department totalled over 40,000 visits. This hospital admits all classes of cases of disease in children except pulmonary tuberculosis and the communicable diseases, and enables students to get a broad concept of paediatrics.

There were 111 autopsies in a typical year, which represented 84.6% of all deaths.

The number of resident physicians is 40.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles, and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are three wards for the treatment of tuberculosis in children. There are 150 beds (including 50 for tuberculosis) and the average yearly admissions range between 1,500 and 2,000.

There is a resident senior physician and there are three junior physicians.

The Verdun Protestant Hospital has 1,100 beds.

The Royal Edward Laurentian Hospital (Montreal Division), 3674 St. Urbain Street, consists of a large anti-tuberculosis dispensary and a 52-bed hospital unit designed and equipped for thoracic surgery. Its objectives are the study, prevention, and cure of tuberculosis. This Hospital, along with its Laurentian Division (located in Ste. Agathe des Monts) offers students excellent opportunities to obtain instruction in all aspects of chronic pulmonary disease, more particularly pulmonary tuberculosis.

THE MEDICAL LIBRARY

Honorary Librarian R. L. STEHLE

The Library occupies the central front section of the medical building. It contains more than 74,000 bound volumes and an extensive collection of pamphlets, theses, government publications, and other items.

On the third floor are the pleasant, well-lighted reading room capable of accommodating seventy-five readers, the periodical room, the catalogue, the charging desk, and exhibits of library treasures. The second floor contains the book stacks and three study rooms available to members of the teaching staff. The first floor is devoted to the technical operations of the library—ordering, cataloguing, etc.

The chief value of the Library is in its periodical collection. Relatively little in the way of important journal literature in all languages is not available in it. The book collection contains many rare volumes, some dating back to the sixteenth century. Among the books and journals the ophthalmological section, due in large measure to many gifts from the late Dr. Casey A. Wood, is excellent.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other medical schools, showing proper credentials, and graduate nurses. Graduates living at a distance may borrow books and journals on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during the academic session from 9 a.m. to 6 p.m., and 7:30 to 10 p.m., except Saturdays, when it is closed at 5 p.m. After June 15th it is open from 9 a.m. to 5 p.m.; Saturdays, 9 a.m. to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

Librarian W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises nearly 9,500 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue was completed, indexed, and printed after his death (Bibliotheca Osleriana, Clarendon Press, Oxford, 1929, xxxvi, 785 pp.).

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 137 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:

(1) To transact all matters of business connected with the undergraduate body;

(2) To stimulate interest along medical lines;

(3) To assist students to express themselves in public with facility;

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter, and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the

Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers are kept on file.

ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate, and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the Third and Fourth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussion. Each year an Honorary President has been elected from this older group.

McGill University

Montreal

Faculty of Dentistry

1953-1954

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

Faculty of Dentistry

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. *Principal*

D. Prescott Mowry, D.D.S., F.A.C.D., F.D.S.R.C.S. (Eng.) *Dean of the Faculty of Dentistry*

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. *Bursar*

T. H. Matthews, M.A., LL.D. *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

Miss Anne Ferguson *Executive Secretary to the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Dentistry, is printed as a separate announcement, which may be obtained from the Registrar's Office.

REQUIREMENTS FOR ENTRANCE

The minimum requirement for admission to the dental course is the satisfactory completion of two full years of study in a recognized college or Faculty of Arts and Science (or the equivalent thereof), including courses in the following subjects: Physics, one year with laboratory work; Biology, one year of General Biology or Zoology with laboratory work (half year of Botany and half year of Zoology will be accepted, but not one year of Botany alone); Chemistry, two full courses, including one full course of Organic Chemistry with laboratory work.

Courses meeting these requirements are offered in the Faculty of Arts and Science of McGill University, where a student may take the two years of study required, or the second of the two if he has satisfied the requirements of the first year by Senior Matriculation, or otherwise.

Students are advised to take the course "Logic and Scientific Method" which is given as Philosophy 3 in the Faculty of Arts and Science at McGill University, or its equivalent elsewhere. Students who have completed the Organic Chemistry course (Chemistry 22) and who may be taking the third year of the B.Sc. course previous to admission to the study of Dentistry are advised to include Biochemistry 31.

Particulars of the examinations leading to Junior and Senior Matriculation status are given in the School Certificate Examinations Announcement.

Applicants who have met the academic requirements are required to take an aptitude test before being admitted to the study of Dentistry.

All applicants for admission to the Faculty of Dentistry, resident outside of Canada, must take the "Medical College Admission Test" and send the results of this test along with their transcript of academic record.

Application for admission to the Faculty of Dentistry must be made upon the regular application form which may be obtained from the Secretary of the Faculty. As the number of students in each class is limited, application should be made early and in any case not later than March first. Each application must be accompanied by a non-returnable fee of $5.00 in the form of a cheque or money order payable to McGill University.

PROFESSIONAL PRACTICE

In the case of those who intend to practise in the Province of Quebec it is essential that the candidate should:

(a) take at least the second of the above two years in an English-speaking Canadian University, recognized by McGill University, thus qualifying for eligibility to register with the College of Dental Surgeons of the Province of Quebec in the study of Dentistry.

(b) obtain from the College of Dental Surgeons of the Province of Quebec a Qualifying Certificate before proceeding with the dental course. Further information may be obtained from Dr. Denis Forest, Registrar of the College of Dental Surgeons of the Province of Quebec, 3607 St. Denis Street, Montreal 18, Quebec.

Candidates who have successfully completed the regular course as given in the Faculty of Dentistry, McGill University, may be granted the licence without further examinations upon payment of the required fee, provided they are registered with the College of Dental Surgeons of the Province of Quebec.

PROVINCIAL REGISTRATION

Intending students are reminded that a University degree in Dentistry does not in itself confer the right to practise the profession of Dentistry. It is necessary to comply with the dental laws of the country, state, or province in which it is proposed to begin practice. Each province in

Canada at present has special requirements for its licence, and in all of them a certain standard of general education is insisted upon before the study of Dentistry may be begun. *Students who intend practising in Canada are advised to register their qualifications in the province in which they intend to practise, before they begin their university course.*

The following is a list of the Registrars of the Dental Boards of the several Canadian provinces. Students are advised to write for information whenever they are in doubt as to the regulations of any province

**Ontario*—Dr. D. W. Gullet, 234 St. George St., Toronto 5.

**Nova Scotia*—Dr. G. M. Dewis, 269 Gottingen St., Halifax.

**New Brunswick*—Dr. S. K. Wetmore, 147 Germain St., Saint John.

**Prince Edward Island*—Dr. Heath McIntyre, Charlottetown.

**Manitoba*—Dr. J. F. Morrison, 403 Medical Arts Building, Winnipeg.

**Alberta*—Dr. R. A. Rooney, 523 Tegler Bldg., Edmonton.

**Saskatchewan*—Dr. L. J. D. Fasken, 2216 Angus Street, Regina, Sask.

Quebec—Dr. Denis Forest, 3607 St. Denis Street, Montreal 18.

British Columbia—Dr. H. M. Cline, 218 Medical-Dental Bldg., Vancouver.

**Newfoundland*—Dr. E. P. Kavanagh, Rawlin's Cross, St. John's, Nfld.

DENTAL COUNCIL OF CANADA

Eight of the ten Canadian provinces (*i.e.*, all but Quebec and British Columbia) have entered into an agreement whereby the holder of a certificate granted by the Dental Council may practise in any of the subscribing provinces. In order to obtain this certificate a candidate must: (1) hold a matriculation certificate of the proper standard; (2) be a graduate of a Dental College within Canada; (3) pass the examination set by the Council, and (4) pay the local and provincial registration fee.

The Secretary of the Dental Council of Canada is Dr. A. J. Brett, Regina, Sask.

REGISTRATION

Students in Dentistry register at the Registrar's Office either on Friday, September 4th or on Tuesday, September 8th. Any student registering after the specified date will be required to pay a late fee. No students will be admitted after September 20th.

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*Members of the Dental Council of Canada.

FEES

TUITION FEES

Annual undergraduate fee	$425.00
By instalments: Each of two instalments	215.00

(Half the deposit may be deducted from each instalment)

REPEATING A YEAR

Students repeating a year pay	$425.00

PARTIAL STUDENTS

Qualified partial students are admitted to one or more courses on payment of special fees. For further particulars consult the Dean's Office.

EQUIPMENT

A Dental Cabinet may be rented during the academic year for a fee of $5.00.

INSTRUMENTS AND SUPPLIES

In Second year—Crown and Bridge Model	$30.00
In Second year—Operative Model (rental)	10.00
In Third year—Orthodontic material	20.00
In Fourth year—Final practical examination material	30.00

STUDENTS' SOCIETY FEES

Fees for support of student organizations:

Regular students and partials taking three or more courses	$15.00
Partial students taking less than three courses	5.00
Partial students, grounds fee	5.00

AD EUNDEM FEE

Students entering any year above the First pay a special *ad eundem* fee of	$10.00

GENERAL REGULATIONS

Fees are due and payable at the Accounting Office between the hours of 9 a.m. and 4 p.m., on September 8th and 9th; but they may be paid before the above dates. If paying in two instalments, the amount of the first instalment can be determined by adding fees and instalment fee, deducting deposit and dividing the result in half. An additional $2 is charged for payment after the specified dates. All late fees are payable in full with first instalment.

Students registering late pay their fees at the time of registration, failing which they become subject to the following provisions.

Immediately after the prescribed dates for the payment of fees, the Chief Accountant sends to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans thereupon suspend

them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

NOTE: Special fees are given in the General Information Pamphlet included in the Announcement.

INSTRUMENTS

With the exception of extracting instruments, lathes, and vulcanizers, each student is required to furnish his own instruments and appliances for both laboratory and operating room, and is not permitted to enter the course until he is thus supplied.

The approximate cost of instruments and supplies for the First year, which includes an Anatomical Articulator, an Engine, and a Crown and Bridge Model, is $500.00.

Second year approximate cost	$300.00
Third year approximate cost	100.00
Fourth year approximate cost	75.00

All of these instruments and this equipment will be required for office use when the student enters practice and should be regarded as an investment for that purpose rather than a university expense.

Arrangements have been made with local Dental Supply Houses in order that the student may benefit by a special trade discount.

MEDALS AND PRIZES

Montreal Dental Club Gold Medal, and a prize in books.—Awarded to the student in the final year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the four years.

College of Dental Surgeons of the Province of Quebec.—The J. K. Carver Prize of twenty-five dollars awarded to the student, registered in this Province, obtaining the highest standing in the practical examinations of the final year.

Montreal Endodontia Society.—A book prize, awarded to the student in the final year obtaining the highest mark in the final examination in Endodontia.

Canadian Dental Association War Memorial Scholarship Award.—First Prize $125.00; Second Prize $75.00. To be awarded annually.

This is an essay contest and is open to all undergraduates of the final year who have been in attendance for at least two years at any Canadian Dental School. The essay shall consist of not more than 4,000 words and not less than 2,500 words, excluding bibliography.

Correspondence relative to this Scholarship should be addressed to The Secretary, Canadian Dental Association, 234 St. George St., Toronto 5.

Lieutenant-Governor's Silver Medal, and a Prize in Books.—Awarded to the student in the final year who stands second in the class and whose standing is determined in a manner similar to that followed in the awarding of the Gold Medal.

The following prizes are given by the *Montreal Dental Club:* First, Second, and Third year prizes—A prize in money awarded to the student obtaining the highest standing in technique subjects: First year "Dental Anatomy"; Second year subject to be chosen each year; Third year "Orthodontic Technique".

The following prizes are given by the *Mount Royal Dental Society:* First, Second, and Third year Prizes.—A prize in books awarded to the student obtaining the highest standing in the sessional examinations.

First year—*The Dr. I. K. Lowry Prizes* are awarded to the two students in the First year who obtain the highest marks in Oral Histology and Embryology. These prizes are Medical dictionaries.

SCHOLARSHIPS, BURSARIES, AND LOANS

Details of University and other scholarships and bursaries are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

The University has a small fund from which loans may be made to students of good academic standing. Loans are made only to students in the upper years. Applications for loans should, in the first place, be made to the Dean.

COURSE FOR THE DEGREE OF D.D.S.

Candidates for the degree of D.D.S. must complete two years of study in a College or Faculty of Arts, with Physics, Inorganic and Organic Chemistry, and Biology as compulsory subjects, before entering upon the four-year course in this Faculty. The curriculum* is as follows:

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*It should be understood that the programme and regulations regarding courses of study and examinations contained in this Announcement hold good for this session only, and that the Faculty, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions here laid down.

FIRST YEAR

Anatomy (human)
Dental Anatomy
Histology, Medical and Dental
Physiology
Biological Chemistry
Prosthetic Technique
Crown and Bridge Technique
Operative Technique
Orientation in Dentistry

SECOND YEAR

Crown and Bridge Work
Operative Technique
Orthodontic Technique
Prosthetic Technique
Bacteriology
Metallurgy
Pharmacology (general)
General Pathology
Dental History
Radiography
Dental Materials

THIRD YEAR

Crown and Bridge Work
Operative Dentistry
Orthodontics
Prosthetic Dentistry
Dental Radiography
Prosthetic Articulation
Dental Pharmacology and Therapuetics
General Anæsthesia
Oral Surgery and Local Anaesthesia
Oral Pathology
Health and Social Medicine
Pedodontics
Dental Jurisprudence

FOURTH YEAR

Orthodontics
Prosthetic Dentistry
Oral Surgery
Crown and Bridge Work
Pedodontics
Endodontia
Oral Diagnosis
Medicine
Periodontia and Oral Hygiene
Practice Management
Dental Ethics

THESIS: Final year students must write a thesis of approximately 4,000 words. The subject will be announced early in September.

EXAMINATIONS

Frequent oral examinations are held to test the progress of the student, and occasional written examinations are given throughout the session.

A minimum of 60 per cent in each subject is required to pass, and 85 per cent for honours.

All examinations in each year must be passed before a student is allowed to advance to the next.

Candidates who fail at the regular examinations in not more than three subjects of the First, Second, or Third years, may, at the discretion of the Faculty, be allowed to take the supplementary examinations before the beginning of the following session. These examinations are held during the week preceding the regular opening of the session.

Failure in more than three subjects of the First, Second, or Third years at the regular examination excludes the candidate from advancement.

Students who fail in one subject only of the final year may, at the discretion of the Faculty, be allowed a supplementary examination in that subject. Should the subject be one in which practical or clinical work is required, the student must furnish a certificate of additional clinical attendance or laboratory work before presenting himself for examination.

Applications for supplemental examinations must be in the hands of the Dean at least three days before the date set for the beginning of the examination, and must be accompanied by a fee of $10.00 for each subject.

QUALIFICATIONS FOR THE DEGREE

1. No one is admitted to the degree of Doctor of Dental Surgery who has not attended lectures for a period of four sessions in the Dental Faculty of this University, or partly in this University and partly in some other approved university, college, or school of dentistry.

2. Students of other universities, so approved, who may be admitted on production of certificates to a like standing in this University, are required to pass an oral examination in primary subjects, and all examinations in the final subjects in the same manner as students of this University.

No one is permitted to become a candidate for the degree who has not attended at least one full session at this University.

3. Candidates for the final examinations must furnish testimonials of attendance in the branches of dental education mentioned on page 1909; provided, however, that testimonials equivalent to, though not precisely the same as, these may be presented and accepted.

DENTAL INTERNESHIPS

There are three interneships in Montreal hospitals. These positions are filled annually on recommendation of the Faculty of Dentistry, selection being made from the graduating class.

COURSES OF LECTURES

ANAESTHESIA, GENERAL

Lecturer — ROBERT FERGUSON

This course, given in the Third year, comprises a short series of lectures on the general principles and the physiology of anaesthesia, with special emphasis laid on the factors of safety and the suitability of the anaesthetic agent employed. An equal amount of time is spent in the main operating theatre where demonstrations are given of the use of all modern methods of general anaesthesia for dental and oral surgery under actual working conditions.

Textbook: A. E. Guedel, Inhalation Anaesthesia (Macmillan).

ANATOMY, GENERAL

Robert Reford Professor	C. P. MARTIN, *Chairman*
Professor	S. M. BANFILL
Professor of Histology	C. P. LEBLOND
Assistant Professor	D. S. FORSTER
Lecturer	S. S. SMAILL
Lecturer in Dental Histology	G. DOUGLAS ARMSTRONG

ANATOMY

1A. GROSS ANATOMY

This course covers the first two terms of the year, and is planned so that after making a general survey of the whole body, the dental student concentrates his attention on the head and neck. The course runs concurrently with the course in First year Medicine (Anatomy 1), and comprises five hours lectures and fifteen hours laboratory work a week during the Autumn and Winter terms.

Practical Manual: Le Gras, Clark, Practical Anatomy, 2nd ed.

Textbook: Gray, Anatomy (English edition); or Cunningham, Textbook of Anatomy.

MICROSCOPIC ANATOMY

1. HISTOLOGY AND EMBRYOLOGY

This course coincides for the main part with the Medical Microscopic Anatomy Course 5 but the reproductive organs are excluded and special lectures on dental histology and the embryology of the mouth are included.

The course finishes at the end of the Winter term.

Histology Textbook: Bailey, Text-book of Histology; or Maximow and Bloom, Histology; or Flam, Histology.

ANATOMY, DENTAL

Lecturer	T. I. GUILBOARD, *Chairman*
Demonstrators	DAVID T. SHIZGAL
	H. R. LOUTTIT

This course is given to dental students of the First year. It consists of 28 lectures of one hour and 56 laboratory periods of two hours each.

The lecture course covers:

1. Introductory lectures on the development of the maxillary bones, development of teeth, nomenclature of the different constituents of teeth and surrounding tissues.
2. The anatomy of each individual tooth, deciduous and permanent.
3. Arrangement of teeth and occlusion.
4. Development of the maxillary apparatus from reptiles to man.

These lectures are illustrated by drawings, X rays, models, slides, and specimens.

The laboratory course consists of carving teeth from plaster of Paris blocks. Four teeth are carved three times normal size.

Fourteen teeth are carved normal size, then articulated on models. Natural teeth are sectioned and mounted to familiarize the student with the composition of the teeth, and the relationship of pulp canals and chambers. Drawings of teeth are made.

Textbook: M. Diamond, Dental Anatomy.

Reference for Periodontia: Stilman and McCall, Clinical Periodontia (Macmillan, New York).

BACTERIOLOGY

Professor	E. G. D. MURRAY, *Chairman*
Associate Professors	G. G. KALZ
	J. W. STEVENSON
Assistant Professors	C. D. KELLY
	A. M. MASSON
Lecturers	D. A. GILLEN
	DINA GORDON
	F. H. PRISSICK
	RAISSA SILOV
Demonstrators	J. A. DE VRIES
	H. A. WHITEHEAD

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

ELEMENTARY DENTAL BACTERIOLOGY AND IMMUNITY

30 lectures and 60 hours practical work.—Available to students of Dentistry on the completion of their studies in Anatomy, Physiology, Histology, and Biological Chemistry.

A choice of the following books is recommended:

F. C. Kelly and K. E. Hite, Microbiology (Appleton Century, Crofts, Que.); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); Jordan and Burrows, Textbook of Bacteriology (Saunders); Fairbrother, A Textbook of Medical Bacteriology (William Heinemann Ltd., London) or others listed in the Announcements of the Faculties of Arts and Science and Medicine.

BIOCHEMISTRY

Professors	D. L. THOMSON, *Chairman*
	J. H. QUASTEL
Associate Professors	O. F. DENSTEDT
	R. D. H. HEARD
	K. A. C. ELLIOTT

This work is taken with the Medical students.

1. BIOCHEMISTRY—LECTURE COURSE

Text: Mitchell, Textbook of Biochemistry (McGraw-Hill).
Two hours.

2. BIOCHEMISTRY—LABORATORY COURSE

A synopsis of the course is issued by the Department.

Six hours a week: October to February.

DIAGNOSIS, ORAL (*See*—Pathology)

ENDODONTIA

Assistant Professor	WILFRED J. JOHNSTON, *Chairman*
Associate Professor	A. GERALD RACEY
Assistant Professors	ROGER E. MCMAHON
	WALLACE F. WALFORD
	T. IVAN GUILBOARD
Lecturer in Medicine	GERALD W. HALPENNY
Lecturer in Radiology	E. S. DORION
Lecturers in Dentistry	A. D. RICHARDSON
	L. J. ROSEN
	CAMERON T. WALSH
Guest Lecturer	(chosen each year)

A course in root canal therapy correlated with the teachings of the Departments of Bacteriology, Pathology, Histology, and Dental Anatomy.

Two weeks in the senior year are devoted to a concentrated course of Theory and Clinical Practice of Endodontia. The basic principles of opening, cleansing, and filling root canals are dealt with in lectures and demonstrations. During this period each student is required to carry out the diagnosis, bacteriological examination, and treatment of the clinical cases that are provided. Where necessary, root resections and bleachings are performed. Throughout the senior year there is a weekly endodontia clinic to aid the students with those cases that they encounter during their general clinical work.

Textbook: L. I. Grossman, Root Canal Therapy.

HEALTH AND SOCIAL MEDICINE

Associate Professor DONALD S. FLEMING
Assistant Professor MARIAN A. BAIN

A special course of twenty lectures on the relation of Dentistry to Public Health and Preventive Medicine.

HISTOLOGY AND EMBRYOLOGY, ORAL

Lecturer G. DOUGLAS ARMSTRONG
Demonstrator THOMAS J. GAVRILOFF

This course follows Histology 1. The didactic portion traces the development of the teeth and supporting structures. Following this, there is the study of the adult oral tissues throughout their life cycle, and their relationship to the various fields in Dentistry.

The laboratory portion of the course is devoted to microscopic study of prepared ground and decalcified sections of oral tissues. Demonstrations of dissections of embryonic and foetal material are made.

Text: Orban, Oral Histology and Embryology.
Reference Book: Noyes, Schour, and Noyes, Dental Histology and Embryology.

HISTORY AND ETHICS, DENTAL

Lecturer in History and in Ethics JOHNSTON W. ABRAHAM

HISTORY

This course is intended to give the student an intelligent conception of the evolution and development of dentistry from the primitive conditions and methods of the past to the present standing of the profession as a branch of the healing art. The relation of some of the outstanding men of the profession to this development will also be dealt with.

ETHICS

Under this heading the moral, social, and business relationships between the dentist and his patient will be discussed, as well as his duty to the public, his fellow practitioner, and himself.

JURISPRUDENCE, DENTAL

Lecturer ALEX. MCT. STALKER

A discussion of the laws governing the practice of dentistry, their necessity, and their purpose.

The responsibility of the dentist under the laws of the Province and his position as defendant in suits for damages and as plaintiff in suits for fees are fully explained.

MEDICINE

Assistant Professors of Medicine DOUGLAS G. CAMERON, *Chairman*
S. R. TOWNSEND

Associate Professor of Paediatrics ALAN ROSS
Assistant Professor of Paediatrics E. M. WARDEN
Clinical Professor of Dermatology L. P. EREAUX
Demonstrator in Obstetrics and Gynecology F. J. TWEEDIE

This course of 28 lectures is designed to familiarize the dental student with the principles of Medicine. Particular attention is paid to:

(1) The relationship of good prenatal care and proper nutrition during infancy and childhood to dentition and the subsequent health of teeth and gums.

(2) Oral manifestations of systemic disease and the importance of oral health in the successful treatment of certain medical conditions.

(3) Medical complications of dental surgery and their prophylaxis.

METALLURGY

Associate Professor JOHN P. OGILVIE

This course is given to Dental students of the Second year by the Metallurgical Department of the University, located in the Physical Science Centre.

It consists of fifteen lectures of one hour, and twelve laboratory periods of two and a half hours, each.

The lecture course covers:

(1) Introductory lectures on the physical and chemical properties of metals, especially in relation to their use in dentistry.

(2) The nature and preparation of alloys, including amalgams.

(3) The metals used in dentistry (lead, zinc, tin, bismuth, cadmium, antimony, aluminum, copper, silver, gold, platinum, iridium, mercury, iron, and steel) are considered separately in regard to their properties, uses in dentistry, and, as far as time allows, extraction from their ores. The separation, purification, and alloying of gold, silver, and platinum are specially considered.

(4) The manufacture, properties, and uses of dental amalgams.

(5) The more important manipulations of metals and alloys used in dentistry are described and their effects considered.

Textbook: E. W. Skinner, The Science of Dental Materials.

Reference Books: F. L. Coonan, Principles of Physical Metallurgy; J. O. Lord, Alloy Systems.

The Laboratory course includes experimental work with the metals: gold, silver, copper, lead, zinc, tin, aluminum, nickel, iron, and steel.

The metals are melted, alloyed, cast, hammered, filed, cut, rolled, heat treated, and tested to determine their important physical as well as chemical properties.

Pure gold and silver are prepared and dental and other amalgams tested.

The course is given during the first term of each session by Professors Sproule and Ogilvie.

OFFICE PROCEDURE AND BUSINESS MANAGEMENT

Lecturer JOHNSTON W. ABRAHAM

This course consists of fifteen lectures given in the Fourth year. The purpose is to enable the undergraduate to understand the problems encountered in the conduct of a successful dental practice. The lectures consider the dentist's personal preparation (mental, moral, and physical); his relation and obligation to the patient, to the public, and to the community; and finally, office location, office management, and records. Advice is offered on dental fee questions, accumulation of a competence, insurance, and investments.

OPERATIVE DENTISTRY

Associate Professor	DONALD C. GORDON, *Chairman*
Professor	W. G. LEAHY
Assistant Professor (Pedodontics)	ARTHUR H. CRAVEN
Lecturers	FRANCIS L. BURNS
	FRANK A. EDWARD
	CAMERON T. WALSH

Demonstrators

A. W. ADAMS	MARCEL HÉBERT
E. R. AMBROSE	R. M. MACALLISTER
CHARLES ASSELIN	G. H. MCKINNEY
G. M. DUNDASS	H. LINDSAY MUSSELS
ROBERTA DUNDASS	R. P. W. RYAN
G. K. HALE	J. E. VANVLIET

The purpose of this course is to instruct and train the student in the treatment of all diseases of, and injuries to, the hard tissues of the teeth and the restoration of the anatomy of the tooth in relation to function. Especial attention is given to children's dentistry with the aim that operative procedures will have for their object the inhibition of pathologic processes and the maintenance of normal occlusion.

Lectures and laboratory courses in the First and Second years include all the procedures of operative technique.

Lectures on theory in the Third year combined with practical experience at the Dental Clinic in the Third and Fourth years stress the co-ordination of Operative Dentistry with Dental Hygiene, Orthodontics, Periodontia, Endodontia and Prosthetic Dentistry to the end that the student will graduate with adequate knowledge and ability to treat patients of all ages and conditions of life.

Textbooks: G. V. Black, 2 Vols. (Medico-Dental Co., Chicago); O. McGehee (Blakiston); McBride, Juvenile Dentistry (Blakiston); Gabel, American Textbook of Operative Dentistry (Lea & Febiger).

ORTHODONTICS

Professor	GERALD FRANKLIN, *Chairman*
Associate Professor	M. L. DONIGAN
Lecturer	ARTHUR H. CRAVEN
Demonstrators	ALBERT J. COLLE
	J. HOWARD YOUNG

This course is designed to give the student a knowledge of normal occlusion and of the basic principles underlying the development of malocclusion, its prevention and treatment. It includes lectures, training in technics, and clinical treatment of patients. Emphasis is placed on orthodontics as an integral part of dentistry and its relation to other branches of general practice. The practical training serves to develop digital skill and to give the student some experience in movement of teeth.

The course extends over the Second, Third, and Fourth years. Its study commences in the First year with the basic sciences including histology and embryology which cover the development, growth, and eruption of the teeth.

SECOND YEAR

The course in this year is devoted to techniques. Exercises in wire bending, in freehand soldering, and in manipulation of plaster of Paris are carried out. In addition, each student is required to take upper and lower impressions in plaster of a fellow student and to trim the casts according to standard technique.

THIRD YEAR

In this year the course includes appliance technique and lectures. Alginate impressions are taken and casts trimmed. Advanced exercises in freehand soldering are completed. This is followed by construction of bands with attachments, labial appliances, space maintainers, and inclined planes on typodonts. The lectures cover terminology, normal occlusion and its development, and classification of malocclusion. They serve as the basis for the more advanced didactic course in the Fourth year.

FOURTH YEAR

In the final year a full course of lectures is given and treatment of patients is carried out by the students.

The lectures cover growth and development, etiology, diagnosis, principles of treatment, and prevention and interception of malocclusion. Pertinent histology and physiology of bone is reviewed with special emphasis on tissue changes incident to tooth movement. The relationship of orthodontics to the practice of general dentistry and children's dentistry is continually indicated.

In the orthodontic clinic patients with simpler malocclusions are assigned to the students. Appliances are designed by the staff and constructed of precious metals by the student who then carries out the treatment under strict supervision. In addition to being responsible for the patient assigned to him, each student is required to observe all the cases being treated in the clinic.

Textbooks: Dewey-Anderson, Practical Orthodontics, 7th edition (C. V. Mosby); Salzmann, Principles of Orthodontics (J. B. Lippincott); Brash, Aetiology of Irregularity and Malocclusion of the Teeth; Angle, Malocclusion of the Teeth; McCoy, Applied Orthodontics (Lea & Febiger).

PATHOLOGY, GENERAL

Professor — G. Lyman Duff, *Chairman*

Associate Professors — G. C. McMillan; Douglas Waugh

Lecturers — M. B. Mackenzie; R. M. Wiener

1. COURSE IN GENERAL PATHOLOGY

A. Two lectures per week (with epidiascopic and microscopic demonstrations) during the 2nd, 3rd, and 4th terms. (48 lectures.) *Dr. Mackenzie*

B. Two practical laboratory classes per week during the 3rd and 4th terms. (80 hours practical work.) *Drs. Mackenzie and Wiener and Staff*

Textbooks: Boyd, Text-book of Pathology (Lee & Febiger); MacCallum, A Text-book of Pathology (Saunders).

Reference Books: Anderson, Pathology (Mosby); Boyd, Pathology of Internal Diseases (Lea & Febiger); Boyd, Surgical Pathology (Saunders); Forbus, Reaction to Injury (Williams & Wilkins); Willis, Pathology of Tumors, (London, Butterworth).

PATHOLOGY and DIAGNOSIS, ORAL

Associate Professor — A. Gerald Racey, *Chairman*

Lecturers — Ralph S. Edmison; John McCarthy

Demonstrators — Lesley A. Gill; E. Victor Potter

This course is designed to teach the recognition of lesions of the oral cavity and the underlying pathological involvement. The course extends throughout the junior and final years.

In the junior year it includes the study of the developmental defects and malformations of the teeth. Special consideration is given to the study of the etiology, diagnosis, and pathology of dental caries; diseases of the dental pulp; periapical diseases; peridontal diseases; odontogenic cysts; and tumours which commonly occur in the oral cavity. A study is also made of the oral manifestations of certain of the infective granulomata, as well as vitamin deficiencies and endocrine disturbances.

A laboratory course of three hours a week for five weeks is given during the last part of the junior year, where a study is made of the microscopic aspects of these lesions.

In the final year the course consists of a consideration of the signs and symptoms of disease of the hard structures of the teeth, the dental pulp, the peridental membrane and the periapical tissues by means of roentgenographic examination and interpretation and clinical diagnostic tests. A study is also made of the signs and symptoms of disorders of the oral mucous membrane. Treatment planning in conjunction with the other dental teaching departments is given careful consideration.

The course extends over the entire year and is composed of lectures and practical instructions.

Text Books: Thoma, Oral Pathology; Thoma, Oral and Dental Diagnosis; Kronfeld, Histopathology of the Teeth and Their Surrounding Structures; Miller, Oral Diagnosis and Treatment; Burket, Oral Medicine.

PEDODONTICS

Lecturers	ARTHUR H. CRAVEN, *Chairman*
	E. T. CLEVELAND
Demonstrators	ROBERTA DUNDASS
	ROBERT M. MACALLISTER
	GORDON H. MCKINNEY

A course introducing child management, treatment planning, and operative procedures, presented to the Third year. Clinical instruction is conducted throughout the Fourth year.

PERIODONTOLOGY

Professor	D. PRESCOTT MOWRY, *Chairman*
Assistant Professor	WALLACE F. WALFORD
Lecturers	SAMUEL CRIPPS
	PHILIP J. GITNICK
	ROBERT F. HARVEY

The course, given to the junior and senior years, is designed to give the student a knowledge of the basic principles of oral prophylaxis, diagnosis, and the treatment of periodontal lesions.

The instruction given to the junior year consists of demonstrations of clinical prophylaxis followed by seminars on clinical cases.

In the final year the course consists of twenty-five lectures and sixty clinical periods. The lectures, clinical demonstrations, laboratory periods, diagnosis, and clinical work are closely correlated throughout the training in basic treatments such as equilibration, surgery, use of packs, etc. Immediately following the lecture on any phase of treatment, a clinical period is devoted to application of the subject matter covered in the lecture.

The class is divided into small groups for clinical demonstrations on patients. Each student will thus have opportunity to view, and to ask questions to an extent not possible with larger groups. Each student has an opportunity to carry out this instruction by treatments, under supervision, by careful distribution of patients having representative periodontal lesions.

The clinical outpatient department provides an adequate supply of teaching material and this is further supplemented by patients referred to the department by local practising dentists.

Textbooks: Orban, Dental Histology and Embryology (Mosby); Miller, Oral Diagnosis and Treatment (Blakiston); Kronfeld, Histopathology of the Teeth and Their Surrounding Structures (Lea & Febiger); Coolidge, Clinical Pathology (Lea & Febiger).

PHARMACOLOGY, GENERAL

Professor	R. L. Stehle, *Chairman*
Associate Professor	K. I. Melville
Lecturer	I. T. Beck

A course of ten lectures concerned with those phases of pharmacology which are of importance in dentistry, supplemented by five laboratory periods.

Textbooks: Thienes, Krantz and Carr, Sollman, or any other standard text.

PHARMACOLOGY AND THERAPEUTICS, DENTAL

Assistant Professor	Wilfred J. Johnston, *Chairman*
Demonstrator	Lyman E. Francis

A course for Third year students intended to provide a study of those drugs not covered in the General Pharmacology course which are of particular interest in the treatment of pathological conditions of the oral cavity.

Textbooks: Prinz, Rickert, and Dobbs, Dental Materia Medica and Therapeutics, Accepted Dental Remedies. Also McGehee and Green, Pharmacology and Pharmaco-therapeutics for Dentists.

PROSTHETIC DENTISTRY

Professor	W. C. Bushell, *Chairman*
Associate Professor	James McCutcheon
Assistant Professors	R. E. Dagg
	Roland T. Lamb
	P. R. Marchand
Lecturers	A. F. Cameron
	M. A. Rogers
	W. G. Stockwell

Demonstrators

J. M. Chamard	M. W. Marston
W. Howard Boyles	H. L. Mussels
C. H. Dundass	P. A. Ostapovitch
J. T. Elo	A. E. Pye
Joseph Fineberg	D. Bruce Ward
F. O. Frederick	

This course covers the teaching of mouth reconstruction in its fullest sense. It includes the examination, diagnosis, and treatment of cases, the preparation of the mouth and teeth, impressions, the technique of constructing various types of crowns, fixed and removable partial dentures, full dentures, and the construction of appliances for the treatment of cleft palate cases.

For convenience in teaching, the course is divided into four parts, namely: Full Dentures, Removable Partial Dentures, Fixed Partial Dentures, Ceramics. The course extends throughout the four years. During the first two years students are given a thorough training in the various techniques on models, etc. The final two years are clinical years and are devoted to lectures at the University and practical work at the Montreal General Hospital. During these years students are required to complete a certain number of the various restorations in the mouths of patients under the supervision of demonstrators.

Textbooks: Edward Kennedy, Partial Dentures (Dental Items of Interest); F. G. Neurohr, Partial Dentures (Lea & Febiger); Schlosser, Complete Denture Prosthesis (Saunders); Gillet and Irving, Inlays by the Indirect System (Dental Items of Interest); Schwartz, Cavity Preparation (Dental Items of Interest); Le Gro, Ceramics in Dentistry (Dental Items of Interest); Felcher, Art of Porcelain in Dentistry; Stanley D. Tylman. Crown and Bridge Prosthesis; Swenson, Complete Dentures (Mosby); Anthony, American Textbook of Prosthetic Dentistry (Lea & Febiger); Schweitzer, Restorative Dentistry (Mosby); Schwartz, Modern Method of Tooth Replacement (Dental Items of Interest).

PHYSIOLOGY

Joseph Morley Drake Professor
F. C. MacIntosh, *Chairman*

Professor — A. S. V. Burgen

Associate Professors — B. Delisle Burns, Norris Giblin

Assistant Professors — Simon Dworkin, Paul Sekelj, Kathleen G. Terroux

Lecturers — V. B. Brooks, Humberto Garcia (Arocha), Helen Henrikson, A. L. Johnson

The purpose of this course is to give the student an elementary knowledge of the whole subject of physiology with a more special knowledge of such aspects as bear particularly on the practice of dentistry.

The course consists of three lectures a week from October to May, and fifteen laboratory periods of three hours each.

Textbooks: Best and Taylor; Physiological Basis of Physiology; Physiological Foundations of Dental Practice.

RADIOLOGY

Lecturer in Dentistry — E. S. Dorion, *Chairman*

Lecturer in Medicine — N. M. Brown

This course is commenced at the end of the Second year. The student is very definitely warned at the outset of the dangers of over-exposure to radiation and how to avoid it. Emphasis is placed on developing, fixing, and reducing techniques in conjunction with the taking of bite-wing radiographs. The course is related as much as is possible to the Operative Technique course just completed.

During the Third year, the taking and practical application of the full mouth survey on patients in the clinic is emphasized. The student is kept ever mindful of the important relation of this survey to all the departments of dentistry. The course includes practical demonstrations

and lectures with slides covering dark room procedure, anatomical landmarks, and interpretation. Students take full mouth surveys of each other and are requested to take any necessary steps to correct defects in their dental condition. Lectures are also given on the medical aspects of X-ray examination.

Fourth year students are given every opportunity to improve their knowledge and radiographic technique in the study of pathological changes and treatment. During this final year, interpretation is stressed in cooperation with the department of Oral Diagnosis.

Textbooks: Ennis, Dental Roentgenology; McCall and Wold, Clinical and Dental Roentgenology; Simpson, Advanced Radiodontic Interpretation.

SURGERY, ORAL

Professor	JOHN W. GERRIE, *Chairman*
Associate Professor of Oral Pathology	A. GERALD RACEY
Assistant Professor in Charge of Exodontia	ROGER E. MCMAHON
Assistant Professors of Surgery	CAMPBELL GARDNER S. J. MARTIN
Lecturers in Exodontia	JOHN MCCARTHY ROBERT M. WEINER
Lecturer in Anaesthesia	M. A. ROGERS
Lecturer in Oral Surgery	A. W. MITCHELL
Demonstrator in Surgery	W. MASON COUPER
Demonstrators	VICTOR E. POTTER LOUIS EPSTEIN EDWARD J. FOX D. H. MUHLSTOCK ROBERT M. WIENER

The course, given during the junior and final years, is designed to make the student proficient in the arts of local anaesthesia and exodontia and to familiarize him with the principles of general surgery and the details of oral surgery including surgical treatment of malignant disease.

Although work in the department is largely clinical, forty-five lectures are given to provide a didactic groundwork. The Dental Clinic, established in the Montreal General Hospital almost 30 years ago, treats over twenty thousand patients yearly and also supplies the necessary dental treatment for patients resident in the hospital. The patients in the medical and surgical services, both indoor and out-patients, are available for teaching. In addition, students attend in groups at the Tumour Clinic where a large series of malignant conditions is demonstrated. Clinical lectures are given in the operating theatres, and ward rounds are conducted in the wards where mouth conditions of interest to dental students are shown.

The larger part of the lecture work is given before Christmas in the junior year. The introductory work in local anaesthesia is completed and an examination held. The student is then introduced to the Exodontia Clinic at the Hospital. Here he is given demonstrations and is required to follow the exodontia practice of the senior students.

The senior year is primarily clinical and the didactic work of the Third year is enlarged upon. Students practice in the exodontia clinic daily under the direction of members of the staff and are assisted after Christmas by a junior student. The class attends Oral Surgery Clinics and ward rounds once a week when histories are taken and patients examined. Oral Surgery clinics are held twice weekly at which the more advanced mouth procedures are carried out. Attendance at these is not compulsory but interesting cases are demonstrated.

Text and Reference Books: Ivy and Curtis, Essentials of Oral Surgery; Berger, Principles and Technique of the Removal of Teeth; Ivy and Curtis, Fractures of the Jaws; Winter, Operative Oral Surgery; Parker, Traumatic Injuries of the Face and Jaws; Padgett, Surgical Diseases of the Mouth and Jaws; Thoma, Traumatic Surgery of the Jaws; Thoma, Oral Pathology; Burket, Oral Medicine; Fry, Shepherd, McLeod and Parfitt, Dental Treatment of Maxillo-Facial Injuries; Nevin and Putenbough, Conduction, Infiltration and General Anaesthetics in Dentistry.

CLINIC

Students are required to attend the clinic every day during the Third and Fourth years from nine to twelve o'clock and from one-thirty to five o'clock, except during such part of the time as may be taken up with lectures or other work of the University course. The practical dental work is supervised by the Director of the clinic and his associates. Anæsthetics are administered by members of the resident staff of the Hospital, who

give practical instruction in this most important branch. A nurse is also in attendance during clinic hours. Students entering the Third and Fourth years must spend the period between the last of the regular May examinations and the end of June in the Dental Clinic at the Montreal General Hospital.

LIBRARY

The Medical Library, which contains all the standard textbooks in the branches of the first two years in Dentistry, has a section dealing exclusively with dental subjects. Subscriptions are maintained to twenty-one dental periodicals. During the session, students may consult any work of reference in the Library between 9 a.m. and 9 p.m., Saturdays, 9 a.m. to 5 p.m.

MUSEUM

The Pathological Museum of the Medical Faculty has a very good collection of plaster casts of deformities of the jaw, etc., and also a very large collection of teeth of all varieties.

McGill University

Montreal

Faculty of Law

Chancellor Day Hall

1953-1954

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Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
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Faculty of Law

ADMINISTRATIVE OFFICERS

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W. C. J. Meredith, Q.C., M.A. (Cantab.) *Dean of the Faculty of Law*

Maxwell Cohen, B.A., LL.B. (Man.), LL.M. (Northwestern) *Secretary of the Faculty of Law*

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. *Bursar*

T. H. Matthews, M.A., LL.D. *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

A complete list of the teaching staff of the University, including the Faculty of Law, is printed as a separate announcement which may be obtained from the Registrar's Office.

FACULTY OF LAW OFFICE

CHANCELLOR DAY HALL

3544 Peel Street

Montreal 2

Telephone — MA 9181

GENERAL INFORMATION

COURSE OF STUDY

The Faculty offers a three year course leading to the degree of B.C.L. Students proceeding to the legal and notarial professions are required to take an additional year of practical training and to pass further examinations. The degree course provides a liberal education in legal principles and theory, and prepares students not only for the legal and notarial professions, but for public service and business. In the field of private law, the curriculum is based on the Civil system, from which the Quebec Civil Code is derived; in the field of public law, stress is laid on Constitutional, International, and Administrative law, and on the new institutions, and procedures resulting from the increased role of government in the modern state.

ADMISSION*

Students who have successfully completed two years in the Faculty of Arts and Science at McGill University will be admitted to the Faculty of Law without further examination. Other candidates for admission will have to satisfy the Faculty that they have attained an equivalent educational standard, and are intellectually qualified to pursue with advantage the study of law.

Students whose right to enter the Third year of the Arts and Science Faculty is conditional upon their passing supplemental examinations are not eligible for admission to the Faculty of Law.

Women are admitted to the Faculty on the same terms as men, and are eligible for the degree. As the law stands at present, however, they can be admitted to the legal, but not to the notarial, profession in the Province of Quebec.

The Faculty may admit a limited number of suitable persons to attend selected courses of lectures without matriculation in a University. Such permission will only be granted to applicants who satisfy the Faculty of their capacity to undertake with advantage the study of law. They will not be allowed to proceed to a degree, but will be entitled to receive a certificate specifying the course of study which they have successfully pursued and the class which they have obtained in the examination.

Candidates for admission are required to interview the Dean or the Secretary of the Faculty and to obtain permission to register.

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*For students proceeding to the Bar and the notarial profession, see page 2012.

FRENCH

The attention of students is directed to the necessity of being able to read French easily, since many of the works to which they will be referred are written in that language. Reasonable fluency in spoken French is recommended for those who intend to practise in the Courts of this Province.

REGISTRATION

All students must register in person at the office of the University Registrar on Monday or Tuesday, September 28th or 29th.

Students registering later than the prescribed dates will be required to pay a late registration fee of $5 during the first week of the session and $10 during the second. This will not be refunded, except by special permission of the Faculty.

Students must bring with them at the time of registration the evidence necessary to show that they are entitled to admission into the Faculty, if this has not already been furnished. A written acceptance by the Faculty of Law must be presented to the Registrar.

FEES

The regular fees and special fees are given in the General Information Pamphlet included with this Announcement.

DATES FOR PAYMENT

Fees are due and payable at the Accounting Office on Monday or Tuesday, September 28th or 29th, but they may be paid before these dates. The second instalment is due and payable on January 15th. An additiona $2 is charged for payment after the specified dates. An instalment fee of $5 is charged when fees are paid in two instalments.

Students registering late must pay their fees when they register, failing which they become subject to the provisions of the above paragraph.

Immediately after the prescribed dates for the payment of fees a list of the registered students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students are not readmitted to any class until advice has been received from the Chief Accountant that the fees have been paid.

PRIZES, SCHOLARSHIPS, AND MEDALS

The *Elizabeth Torrance Gold Medal*, founded in 1864 by Professor John Torrance in memory of his wife, is awarded to the student who obtains the highest marks in the Final Examination.

The *Montreal Bar Association* offers a prize of $50 to the student who obtains the highest standing in Civil Law, and the Junior Bar Association a prize of $15 to the student who obtains the best marks in Civil Procedure in the final year.

The *Alexander Morris Exhibition*, of the value of $50, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the second year.

The *Chief Justice Robert Alfred Ernest Greenshields Prize in Criminal Law*, founded in 1943 by Mrs. Greenshields in memory of her husband, the late Chief Justice Greenshields, D.C.L., LL.D., for many years Professor of Criminal Law and Dean of the Faculty of Law. The prize will be awarded to the member of the graduating class having the highest standing in Criminal Law throughout the college course.

The *Adolphe Mailhiot Prize*, established by Mr. and Mrs. J. N. Mailhiot of Victoriaville, P.Q., in 1927, consists of a prize of law books to be given annually to a student selected by the Faculty.

The *Macdonald Travelling Scholarship* was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is approximately $1,000. The scholar elected is required to pursue a year's study in the Law Faculty of a French University approved, in each case, by the Faculty. The award is made at the discretion of the Faculty to a student of the graduating class proceeding to the Bar, who has obtained first or second class honours in the final examination, and who would be unable without such financial help to spend a year in France. The Faculty interprets the will of the late Sir William Macdonald as intending that the Scholarship be awarded only to students preparing for practice as advocates in the Province of Quebec.

The *Edwin Botsford Busteed Scholarship* was founded by the will of the late Mrs. Busteed in memory of her husband, Edwin Botsford Busteed, K.C., B.A., B.C.L., and will be awarded to an applicant, chosen by the Faculty, who desires to carry out graduate research on some subject connected with the law of Quebec and approved by the Faculty. The value of the scholarship is approximately $240.

The *Thomas Alexander Rowat Scholarship* was founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. The value of the scholarship is approximately $125. It is awarded in alternate years for proficiency in the French language and in the old French law.

The *Charles Albert Nutting Prize* was founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting, Q.C., B.C.L., who graduated from this Faculty in 1872. The value of the prize is approximately $70. It is awarded to the student in the first or second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

The *I.M.E. Prize in Commercial Law* was established by Mr. George S. McFadden Q.C. and consists of $70 in law books awarded annually to the member of the graduating class having the highest standing in Commercial Law throughout the course.

The *Carswell Company Prizes*, consisting of two sets of books valued at $30 each, are awarded to first or second year students at the discretion of the Faculty. These prizes were established in 1948 by the Carswell Company of Toronto.

The *Reading Society Prize*, established in 1952 by the Reading Society of Montreal, consists of $25 to be awarded annually to the student who obtains the highest standing in the First year.

Students in the Faculty are eligible for *University Scholarships*. For particulars see the Scholarships Announcement.

No medals, prizes, or scholarships will be awarded, if in the opinion of the Faculty there is no candidate of sufficient merit.

SCHOLARSHIPS ANNOUNCEMENT

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

DEGREES

B.C.L.

The degree granted in the Faculty is that of Bachelor of Civil Law. The course covers three years.

M.C.L.

The degree of Master of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research for advanced study in law. The candidate must have the degree of B.C.L. from McGill or its equivalent, and must have obtained at least second class honours in the subject which he proposes to study and in the course as a whole. He must spend at least one year in resident study and present a thesis on some

topic connected with his subject. The complete regulations governing this degree are given in the Announcement of the Faculty of Graduate Studies and Research.

LL.M.

The degree of Master of Laws is granted under the authority of the Faculty of Graduate Studies and Research for studies in the field of International Air Law. The requirements for this degree are summarized on page 2013 of this Announcement.

D.C.L.

The degree of Doctor of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research. The regulations governing this degree are given in the Announcement of that faculty.

LIBRARY

The Law Library of the University at present contains over 30,000 volumes, and is located in Chancellor Day Hall. The principal law reports of Canada, the United Kingdom, and France are included, as well as a selection of reports from the United States and elsewhere.

Books will be loaned by the library, but fines are assessed for books overdue.

The Redpath Library, the general University library, is also available for the use of Law students.

EXAMINATIONS

*Examinations will be held:

(a) At the end of the First year, covering the year's work.

(b) At the end of the Second year, covering the second year's work.

(c) At the end of the Third year, on the work of the Third year, and on the Civil Law and Civil Procedure covered in the First and Second years. The results obtained in First year in Criminal Law and in Roman Law, and in Second year in Constitutional Law, Criminal Procedure and Insurance Law are included in the Third year total.

Special tests may be required by the Faculty at any time.

At all examinations in the Faculty students are at liberty to write their answers either in English or in French.

*These requirements are subject to alteration by the Faculty, of which notice will be given.

CLASSIFICATION OF MARKS

Class I	80–100%
Class II	70– 79%
Class III	50– 69%

In order to pass a student must have an overall average of 60% with a minimum of 50% in each subject.

SPECIAL EXAMINATIONS

(a) Students are not allowed the privilege of writing supplemental examinations. Special examinations may be set in the event of illness at the time of examination and analogous cases.

(b) All applications for special examinations must be made to the Dean in writing and must reach his office before July 1st.

(c) The prescribed fees must accompany the written application and are payable to McGill University. Fees for special examinations will be ten dollars for each paper, with a maximum charge of fifty dollars. If the Third year essay is not accepted, in addition to the foregoing, a charge of $10 for reading the revised essay will be made.

(d) Students are not, in principle, allowed to repeat a year more than once and any permission to enrol for a third time in the same year is a matter entirely at the discretion of the Faculty.

GRADUATING ESSAY

In addition to passing examinations students must submit, not later than the 10th of January of their Third year, an essay of not less than ten thousand words on a subject set by the Faculty. Although no marks are assigned to the essay, no degree will be granted unless it is adjudged satisfactory. It will be taken into account in awarding honours and prizes of a general nature, such as the Elizabeth Torrance Gold Medal and the Macdonald Travelling Scholarship, and in deciding upon doubtful cases,

CURRICULUM*

FIRST YEAR

ROMAN LAW

Three hours throughout the session. *Dr. J. G. Gazdik*

CIVIL LAW

(a) Persons and Property.
Two hours throughout the session. *Professor C. S. Le Mesurier*

(b) Obligations.
Three hours throughout the session. *Professor Louis Baudouin*

CRIMINAL LAW

Two hours throughout the session. *Professor C. S. Le Mesurier*

LEGAL HISTORY

One hour throughout the session. *Professor Louis Baudouin*

CONSTITUTIONAL LAW

One hour throughout the session. *Professor F. R. Scott*

INTRODUCTION TO LAW AND JURISPRUDENCE

One hour, first term.
Two hours, second term. *Professor Maxwell Cohen*

SECOND YEAR

CIVIL LAW

(a) Sale, Lease and Hire, Mandate, Partnership, and Minor Contracts.
Three hours, first term. *Professor Louis Baudouin*

(b) Marriage Covenants, Successions, Gifts, Wills, Substitutions, and Trusts.
Three hours, second term. *Professor Louis Baudouin*

(c) Privileges, Hypothecs, Registration, and Prescription.
Two hours, first term.
One hour, second term. *Professor C. S. Le Mesurier*

CIVIL PROCEDURE

Two hours, first term. *Mr. A. M. Watt*
Two hours, second term. *Mr. Justice G. S. Challies*

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*The present curriculum is now being revised, and the list of courses and lecturers as set forth is subject to change.

CONSTITUTIONAL LAW

Two hours throughout the session — *Professor F. R. Scott*

CRIMINAL PROCEDURE AND EVIDENCE

Two hours, one term.

One hour, the other term. — *Mr. John Crankshaw*

INSURANCE LAW

One hour throughout the session. — *Mr. J. Brendon O'Connor*

COMMERCIAL LAW

Three hours throughout the session. — *Professor Gerald E. Le Dain*

THIRD YEAR

COMMERCIAL AND MARITIME LAW

(a) Company Law and Bankruptcy.

One hour throughout the session. — *Mr. J. P. Anglin*

(b) Negotiable Instruments.

Two hours, second term. — *Professor Gerald E. Le Dain*

(c) Maritime Law and Carriers.

One hour, first term. — *Mr. George R. W. Owen*

CIVIL PROCEDURE

Two hours throughout the session. — *Dean W. C. J. Meredith*

EVIDENCE IN CIVIL MATTERS

One hour, one term. — *Mr. George R. W. Owen*

CONFLICT OF LAWS

One hour throughout the session. — *Professor C. S. Le Mesurier*

INDUSTRIAL LAW

One hour throughout the session. — *Professor F. R. Scott*

INTERNATIONAL LAW

Two hours throughout the session. — *Professor Maxwell Cohen*

ADMINISTRATIVE LAW

Two hours throughout the session. — *Professor F. R. Scott*

THIRD YEAR AND GRADUATE OPTIONS

THE LAW AND CONSTITUTION OF THE UNITED NATIONS (SEMINAR)

Two hours throughout the session. — *Professor Maxwell Cohen*

GOVERNMENT CONTROL OF BUSINESS (SEMINAR)

Two hours, one term. — *Professor Maxwell Cohen*

FOURTH YEAR

Although students may be granted the degree of B.C.L. at the end of their Third year, those who are candidates for admission to the Bar and to the Notarial profession of Quebec are now required to take a fourth year.

The Fourth year for students proceeding to the Bar will consist of practical instruction in the following subjects:

(a) Lectures in:

1. Professional Ethics and Organization
2. Accountancy
3. Taxation and Fiscal Law

(b) Tutorials in drafting of legal documents and practical instruction in Civil Law, Civil Procedure, Criminal Law and Procedure, Parliamentary Procedure, and Company Law.

(c) Trial Technique in Civil and Criminal Matters including Moot Courts, Mock Trials, etc.

(d) Practical training in selected law offices or in Judges' Chambers.

ADMISSION TO THE LEGAL PROFESSION IN QUEBEC

Candidates proceeding to the Quebec Bar must be Canadian citizens, hold the degree of B.A. from a Canadian or British university or of a university or college the degree whereof is recognized as the equivalent by Laval, McGill, and Montreal Universities, and satisfy the Bar Examiners that they have successfully completed "the regular course in philosophy" in an approved university. The philosophy course may, with permission from the Faculty, be taken concurrently with the law course.

Candidates for admission to the Notarial profession in Quebec must be male Canadian citizens and hold the degree of B.A. from a Canadian or English university, or from any university the degree whereof is recognized as the equivalent by Laval, McGill, and Montreal Universities.

Further information regarding admission to the Bar may be obtained by applying to Mr. Charles Coderre, Q.C., Room 713, Montreal Tramways Building, 159 Craig Street West, Montreal, or by consulting the Bar Act, 1941, R.S.Q. chap. 262 (as amended). Information regarding admission to the Notarial profession can be obtained by applying to Mr. Arthur Courtois, Room 320, New Court House, Montreal, or by consulting the Notarial Code, 1941, R.S.Q., chap. 263 (as amended).

INSTITUTE OF INTERNATIONAL AIR LAW

This Institute operates within the Faculty of Law under the Directorship of Professor John Cobb Cooper. Its purpose is to provide facilities for advanced study in International Air Law for qualified Law graduates, and also to provide an academic organization for fundamental research in this field.

The course of study normally requires two years' residence at the Institute, but those candidates whose work during the First year is, in the Director's opinion, satisfactory, may be permitted during the Second year to offer a thesis *in absentia* on an approved subject within the field of the Institute's work. If the thesis is accepted, the candidate will receive the degree of LL.M.

The annual fee for the course in residence (excluding living expenses in Montreal) is $400, plus an additional fee of $25 payable at the time of filing of a thesis *in absentia*. Students in residence also pay a fee of $6 for students' activities.

Applicants for admission must hold a Law degree from an approved Law School in any part of the world, but those having a working knowledge of the English and French languages will be given preference. All candidates must present evidence of the subjects covered in their prior Law studies and of their scholastic standing.

The course commences on the first Monday of October in each year, but candidates should be in residence not later than the preceding Monday. Application forms and curricula are available at the Faculty of Law office.

McGill University

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Faculty of Music

1953-1954

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INDEX

PAGE

Admission 2115
Bursaries 2119
Calendar 2110
Classes of Student 2115
Conservatorium Regulations 2117
Fees 2115
Fellows of the Conservatorium 2112
General Information 2113
Lecture Time Table 2109
Pianoforte Teacher's Training Course 2140
Recent events 2111
Scholarships 2118
Sessional Announcement 2114
Staff 2106

PUBLIC EXAMINATIONS FOR DEGREES AND DIPLOMAS

Centres of Examinations 2151
Degrees in Music, Mus. D 2199
" " Mus. B 2119
Diploma in Music, Regulations for Licentiate in Music 2123
" " Regulations for Associateship in Music 2144
Chamber Opera Department 2147
Exemption from First and Second Mus. B. Examinations 2116, 2121
Fees 2155
Local Representatives and Secretaries 2151
Matriculation 2120
Music in Education 2122
Practical Examinations for Licentiate 2125
Examination and Courses (Professional Instructor) 2137

PUBLIC LOCAL EXAMINATIONS

Advice to Teachers and Candidates 2149
Class Singing Examinations 2156, 2196
Centres of Examinations 2151
Fees 2155
General School Examinations 2156, 2196
Local Representatives and Secretaries 2151
Practical Examinations 2158
Regulations for Examinations 2148
Theoretical Examinations 2156

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PAGE

Admission 2115
Bursaries 2119
Calendar 2110
Classes of Student 2115
Conservatorium Regulations 2117
Fees 2115
Fellows of the Conservatorium 2112
General Information 2113
Lecture Time Table 2109
Pianoforte Teacher's Training Course 2140
Recent events 2111
Scholarships 2118
Sessional Announcement 2114
Staff 2106

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Degrees in Music, Mus. D 2199
" " Mus. B 2119
Diploma in Music, Regulations for Licentiate in Music 2123
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Chamber Opera Department 2147
Exemption from First and Second Mus. B. Examinations 2116, 2121
Fees 2155
Local Representatives and Secretaries 2151
Matriculation 2120
Music in Education 2122
Practical Examinations for Licentiate 2125
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Advice to Teachers and Candidates 2149
Class Singing Examinations 2156, 2196
Centres of Examinations 2151
Fees 2155
General School Examinations 2156, 2196
Local Representatives and Secretaries 2151
Practical Examinations 2158
Regulations for Examinations 2148
Theoretical Examinations 2156

INDEX

Admission 2115
Bursaries 2119
Calendar 2110
Classes of Student 2115
Conservatorium Regulations 2117
Fees 2115
Fellows of the Conservatorium 2112
General Information 2113
Lecture Time Table 2109
Pianoforte Teacher's Training Course 2140
Recent events 2111
Scholarships 2118
Sessional Announcement 2114
Staff 2106

PUBLIC EXAMINATIONS FOR DEGREES AND DIPLOMAS

Centres of Examinations 2151
Degrees in Music, Mus. D. 2159
" " Mus. B. 2119
Diploma in Music, Regulations for Licentiate in Music 2123
" " Regulations for Associateship in Music 2144
Chamber Opera Department 2147
Exemption from First and Second Mus. B. Examinations 2116, 2121
Fees 2155
Local Representatives and Secretaries 2151
Matriculation 2120
Music in Education 2122
Practical Examinations for Licentiate 2125
Examination and Courses (Professional Instructor) 2137

PUBLIC LOCAL EXAMINATIONS

Advice to Teachers and Candidates 2149
Class Singing Examinations 2156, 2196
Centres of Examinations 2151
Fees 2155
General School Examinations 2156, 2196
Local Representatives and Secretaries 2151
Practical Examinations 2158
Regulations for Examinations 2145
Theoretical Examinations 2156

Faculty and Conservatorium of Music

UNIVERSITY ADMINISTRATIVE OFFICERS

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His Excellency the Right Honourable Vincent Massey, C.H.,
Governor General of Canada

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DEAN OF THE FACULTY OF MUSIC AND DIRECTOR OF THE CONSERVATORIUM

Douglas Clarke, M.A., Mus.B., F.R.C.M., F.R.C.O.

COMPTROLLER AND EXECUTIVE ASSISTANT TO THE PRINCIPAL

S. H. Dobell, D.S.O.

BURSAR

William Bentley, C.G.A., F.C.I.S., R.I.A.

REGISTRAR

T. H. Matthews, M.A., LL.D.

CHIEF ACCOUNTANT

G. A. Grimson, B.Com.

SECRETARY OF THE FACULTY AND CONSERVATORIUM OF MUSIC

Jack Waud, L.Mus., Mus.B.

Office—3450 Drummond St., Montreal 25

All communications should be sent to the Secretary of the Conservatorium, at the above address.

TEACHING STAFF OF THE CONSERVATORIUM

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MRS. E. EAGER ROSS, L.Mus.

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CHORAL STUDY AND APPRECIATION CLASS

THE DIRECTOR

ELEMENTARY AND HIGHER THEORY

THE DIRECTOR
MISS OCTAVIA WILSON, L.Mus., Mus.B.
MR. CLAUDE CHAMPAGNE
MR. KENNETH MEEK, L.Mus., Mus.B.
MISS ELIZABETH SCHWOB, A.Mus.

HISTORY, AESTHETICS, FORM AND ANALYSIS, AURAL TRAINING, AND MUSICAL DICTATION

THE DIRECTOR
PROFESSOR MARVIN DUCHOW, M.A., Mus.B.

SCHOOL MUSIC

Dr. Frank Hanson

SCHOOL CLASS TEACHERS' TRAINING COURSE

Dr. Frank Hanson

TEACHERS' METHODS AND MATERIALS

Dr. Frank Hanson

Mr. Bernard Symons, A.R.A.M.

HARMONY AND COUNTERPOINT

The Director

Mr. Claude Champagne

Miss Octavia Wilson, L.Mus., Mus.B.

COMPOSITION AND ORCHESTRATION

The Director

Mr. Claude Champagne

Mr. Istvan Anhalt

VIOLIN AND VIOLA

Professor Alexander Brott, L.Mus.

Mr. D'Arcy Shea, L.Mus.

M. Lucien Robert

VIOLONCELLO

Miss Yvette Lamontagne

Mrs. Alexander Brott

Mr. Jean Belland

Mr. Lucien Plamondon

DOUBLE BASS

Mr. Roger Charbonneau

FLUTE

Mr. H. E. Baillargeon

Mr. Lucien Gagnier

OBOE

Mr. Réal Gagnier

Mr. R. Luckett

CLARINET

Mr. J. Moretti

BASSOON

Mr. R. de H. Tupper

FRENCH HORN

Mr. J. E. MacDonald

TRUMPET

Mr. G. E. Jones

TROMBONE

MR. J. E. BELL

TYMPANI AND PERCUSSION

MR. MICHEL PERREAULT

HARP

MME. J. DROUIN-ADKINS

CONSERVATORIUM ORCHESTRA

THE DIRECTOR

CONDUCTING CLASS

THE DIRECTOR — MR. R. DE H. TUPPER

CHAMBER MUSIC AND INSTRUMENTAL ENSEMBLE

THE DIRECTOR

CHAMBER AND ORCHESTRAL MUSIC

REPERTORY AND OPERA

THE DIRECTOR — MR. R. DE H. TUPPER

MODERN LANGUAGES (ITALIAN, FRENCH, GERMAN, AND SPANISH)

By arrangement with the Romance and Germanic Languages Departments of the University, students in Music have special facilities afforded them for studying these languages.

ACOUSTICS

THE DIRECTOR — MR. E. D. TIMMERMAN, B.Sc., A.C.I.C.

EXTRA-MURAL COURSES

Pianoforte classes are held in various schools throughout the City and vicinity. Information with regard to these can be obtained from the Secretary of the Conservatorium, who can also furnish the names of teachers in the City who prepare pupils privately for the McGill Local Centre examinations.

PHYSICAL TRAINING

MR. VICTOR F. OBECK, B.Sc., M.A. — MISS IVEAGH MUNROE, M.S.P.E., B.Sc., M.A.

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10				Chamber Music Class		Elementary Grade Theory Senior Grade Theory
10-11	Orchestral Repertory 1A			Chamber Music Class	3rd Mus.B. Counterpoint	Elementary-Junior Theory Junior Grade Theory Intermediate Grade Theory
11-12	Orchestral Repertory 2	1st Mus.B. History	3rd Mus.B. Form and Analysis	2nd Mus.B. Form and Analysis	1st Mus.B. Counterpoint	Elementary Grade Theory Highest Grade Theory Junior Orchestra
12-1	Orchestral Repertory 1B 1st Mus.B. Harmony	Composition	2nd Mus.B. Harmony 3rd Mus.B. History	3rd Mus.B. Harmony	Orchestration 2nd Mus.B. Counterpoint	Highest Grade Theory Junior Orchestra
2-3	Conducting Class	Elementary Form and Analysis			School Music	
3-4	2nd Mus.B. History	1st Mus.B. Form and Analysis	Aural Training 2		Senior Grade Theory	
4-5	Elementary Grade Theory Highest Grade History	Highest Grade Form and Analysis	Junior Grade Theory	Aural Training I Chamber Music Class	Intermediate Grade Theory	
5-6	Elementary-Junior Theory			Chamber Music Class		
6-7						
7-8				General Theory Class		
8-9			Conservatorium Orchestra (2 hrs.)	General Theory Class		

CALENDAR FOR 1953-1954

1953

Tues.,	*Sept.*	*8th*	First day of session. Teaching begins in all branches of Practical Music.
Fri.,	*Sept.*	*18th*	Entrance Examinations for new Students.
Mon.,	*Sept.*	*21st*	Lectures in Sight Singing, Theory, Harmony, Counterpoint, History, Form and Analysis, Canon and Fugue, Transposition, and Orchestration begin.
Tues.,	*Oct.*	*6th*	Founder's Day. Convocation. (James McGill born Oct. 6th, 1744; died Dec. 19th, 1813.)
Fri.,	*Oct.*	*9th* *8 p.m.*	Presentation of Diplomas of Associateship and certificates gained in the examinations at the end of last session.
Wed.,	*Nov.*	*11th*	Remembrance Day.
Sat.,	*Dec.*	*19th*	All lessons and classes end until after the Christmas vacation.

1954

Mon.,	*Jan.*	*4th*	All lessons and classes resumed.
Fri.,	*Jan.*	*29th*	First Students' Recital in Conservatorium Hall.
Fri.,	*Feb.*	*5th*	First Junior Students' Recital in Conservatorium Hall.
Fri.,	*Mar.*	*5th*	Second Students' Recital in Conservatorium Hall.
Fri.,	*Mar.*	*12th*	Second Junior Students' Recital in Conservatorium Hall.
Thurs.,	*April*	*1st*	Last day for examination entries.
Fri.,	*April*	*16th*	Easter Vacation.
Mon.,	*April* (*Inclusive*)	*19th*	Easter Vacation.
Sat.,	*April*	*24th*	Examinations in Theory (see page 2156)

Mon.,	*April 26th*	Examinations in Higher Theoretical Music begin.
Mon.,	*May 3rd*	Practical Examinations begin at the Conservatorium.
Sat.,	*May 1st*	Last day of Lectures
Wed.,	*May 27th*	Convocation.
Fri.,	*May 28th*	Recital by Students who obtained Highest Marks in Practical Examinations.
Sat.,	*May 29th*	Last day of short summer term.

RECENT EVENTS

1949 The Conservatorium moved to its present location.

1950 Following the establishment of Chamber Music Scholarships, Chamber Music Groups were formed among the students.

1952 The Honorary Diploma of Fellow of the McGill Conservatorium of Music was instituted.

During the sessions 1951-52 and 1952-53 twenty-nine student recitals were given in the Conservatorium Hall. These included concerts by chamber music, choral, and madrigal groups.

The Conservatorium orchestra gave two concerts at the Faculty Club, two public concerts, and also played during the visit of Princess Elizabeth and the Duke of Edinburgh, and at the Memorial Service for King George VI. This music was later recorded.

The McGill Quartet continued its series of Chamber Music Concerts in Moyse Hall. The Chamber Orchestra, formed in 1951, presented evenings of works by Bach, Handel, Vivaldi, and Mozart, conducted by Dean Douglas Clarke and Professor Alexander Brott.

The McGill Madrigal Singers appeared in two public concerts and gave two broadcasts over the CBC network.

Two recitals of Piano and Violin sonatas were given by Dean Clarke and Mr. D'Arcy Shea, in the Conservatorium Hall for students, and at the Faculty Club.

SCHOLARSHIPS AND AWARDS

The Scholarships were awarded as follows:

Macdonald Memorial Scholarships	William Lunn	—Violin
	Peter Czuba	—Violoncello
Peterson Memorial Scholarships	Edward Kudlak	—Violin
	Douglas Beder	—Violin
Ellen Ballon Scholarship	Withheld	
Ressler Memorial Scholarship	Eugene Husaruk	—Violin
Donalda Prize	Louise Charbonneau	—Singing
Constance Willey Prize	Barry Wiesenfeld	—Pianoforte
The Lieutenant-Governor's Bronze medal was awarded to:	Dorothy Baxter Primm	

GIFTS

The Conservatorium wishes to acknowledge the following gifts: Miss J. H. Scott, music and musical literature; Mr. I. Mendez-Zabadua, musical literature; Mr. C. Cope, chamber music; Mrs. W. Lebel, violoncello.

These have been added to the collection of music and instruments at the Conservatorium available for loan to students.

GENERAL INFORMATION

The McGill University Conservatorium of Music offers courses of study leading to the degree of Bachelor of Music through the Faculty of Music of McGill University. It also provides instruction in theoretical and in practical work for students proceeding to the examinations for the diplomas of Associate in Music and Licentiate in Music, and in addition conducts Local Centre Examinations throughout the Dominion of Canada intended mainly to assess the proficiency of candidates in their musical studies. (Details regarding the Local Centre Examinations may be found on pages 2151 to 2197.)

The three awards:

(a) Diploma of Associate in Music (A.Mus. McGill)

(b) Diploma of Licentiate in Music (L.Mus. McGill)

(c) Degree of Bachelor of Music (Mus.B. McGill)

are in increasing order of academic attainment. (a) and (b) do not require Junior Matriculation for qualification, whereas (c) does. On the other hand, holders of (a) and (b) are, in certain circumstances, given exemption from some of the examinations leading to (c). A student may qualify for any of several classes, or fields or specialization, the choice depending on the aptitude and inclination of the candidate (see page 2124). The bachelor's degree is granted in two forms: the general degree (see page 2120) and the degree with specialization in education (see page 2122).

The time taken to reach the three stages may vary widely for different individuals, some being able to follow more courses of instruction at once than others. It would not normally be expected that a competent full-time student could complete the work leading progressively through the two diplomas to the degree at ages earlier than the following:

A.Mus.....18 years

L.Mus.....20 years

Mus.B.....22 years

Naturally, it would be unwise for every student to assume that he could necessarily attain the three stages according to this time-table.

The post-graduate degree of Doctor of Music (Mus.D.) is offered through the Faculty of Graduate Studies and Research (see page 2197).

The Conservatorium of Music is situated at 3450 Drummond Street, above Sherbrooke Street. Besides housing the administrative offices of the Faculty of Music, it contains a class-room-auditorium, a room in which a small concert organ is installed, a number of practice and teaching studios, and the Carnegie Library of Music. This last consists of a well-appointed room, containing a high quality electric phonograph, a large number of recordings representative of the music of all ages, and a collection of biographies, standard references works, and miniature scores. There is also a specially treated Recording Room where selected students may record from time to time to check their progress.

The Conservatorium Orchestra rehearses weekly and gives one or two public concerts during the academic session.

SESSIONAL ANNOUNCEMENT

The work of the Conservatorium of Music for the season 1953-54 will begin on September 8th, 1953, and will end on May 29th, 1954. It consists of three terms of eleven weeks each, with an additional summer term of three weeks, viz.

(a) September 8th to November 21st.

(b) November 23rd to February 20th (Christmas vacation, December 19th to January 4th).

(c) February 22nd to May 8th.

Short summer term if desired.

Lectures arranged in progressive courses are offered as forming part of a connected curriculum, leading to certificates and diplomas, as well as to degrees in Music in the University.

The lectures will begin in the last week of September and extend over three terms of ten weeks each, viz.:

(a) September 21st to November 28th.

(b) November 30th to February 20th.

(c) February 3rd to May 1st.

The examinations in Montreal for certificates and diplomas will be held towards the end of the third term, i.e., from May 3rd to May 15. The Theoretical Examinations which precede the Practical Local Examinations will begin approximately April 24th.

ADMISSION

All candidates for admission will be given a practical entrance examination (for dates, see page 2110).

Students of the Conservatorium are admitted either as:—

Regular Students, taking an organized course, which includes individual instruction in a First and Second Subject, together with such classes and lectures as may be thought advisable by the Director, leading to the Diploma of Licentiate in Music or the Degree of Bachelor of Music in the University.

Partial Students, who, besides individual instruction in the one principal subject, have the privilege of attending certain classes. Instrumentalists are, at the discretion of the Director, assigned to certain of the following classes: Theory, Harmony, History, Form and Analysis, Ensemble Playing. Vocalists are assigned to two of the following classes: Theory, Sight-Singing, Choral Class.

Class Students. Those wishing to attend lectures or classes only in either theoretical or practical subjects.

FEES

The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require.

FACULTY OF MUSIC

Degree Students. The fee for the course leading to the degree of Mus.B. is $300 per annum, plus Student Societies fees, as below. This sum also covers the fees for the Degree Examination. Other Regular Students studying for the Licentiateship Examination, Class A, Class C, or Class D, may study the extra subjects toward the Mus.B. degree by paying additional class rates only.

CONSERVATORIUM OF MUSIC

The fees are as follows:

Regular Students. $300.00 to $400.00 a year, according to instructors selected, payable at the beginning of the session (not later than October 1st) or in two instalments. This sum also covers the fees for the Diploma Examination at the end of the year, as well as fees for Physical Education—which is compulsory, Student Health Service and athletic privileges, including admission to home games under the control of the Athletic Board, except those of the senior football and hockey teams.

At the request of the students themselves and by the authority of Senate, a fee of $15.00 is collected from all undergraduates for the support of certain Student Societies.

Partial Students. $15.00 to $100.00 (according to instructor selected) per term of eleven weeks. Students paying in full for three terms of eleven weeks each are allowed to take the examination for a Local Centre Examination Certificate at the end of the year without any further fee.

Class Students. Fees vary between $5.00 and $25.00 per term, according to class. Precise information can be obtained on this point from the Secretary. Fees for Pianoforte Teachers' Training Course (see page 2140); $7.50 for Students of the Conservatorium; $10.00 for others.

The fees for examinations for Certificates, when not included in the term fees as above mentioned, are the same as the fees for the Local Examinations. (See page 2155.)

In all cases fees must be paid strictly in advance at the office of the Conservatorium. Special fess and penalties for late registration or payment are shown in the General Information pamphlet which accompanies this announcement. Regulations concerning payment or remission of fees are also shown in this pamphlet.

No individual or class lessons will be given to any student who is unable to produce a receipt showing that the necessary fees have been paid.

FEES FOR DIPLOMA AND DEGREE EXAMINATIONS

DIPLOMA OF ASSOCIATE (A. Mus.)

Fees for examination, $25.00.

DIPLOMA OF LICENTIATE (L. Mus.)

Fees for examination: First examination; $20.00, Second examination $30.00; Final examination, $40.00.

DEGREE OF BACHELOR OF MUSIC (Mus. B.)

Fees for examinations payable as follows:—First examination in Music, $30.00. Second examination in Music, $40,00. Final examination in Music $60.00.

Although under special conditions exemptions from certain examinations for the Diplomas of Associate and Licentiate and Degree of Bachelor of Music may be allowed, there is no exemption from the *fees* given above, except in the case of candidates holding the requisite McGill Local Centre Certificates.

(The above does not apply to regular students.)

DEGREE OF DOCTOR OF MUSIC (Mus. D.)

Fee $200.00, one-half of which ($100.00) is paid when submitting the exercise and the balance ($100.00) before the final examination.

CONSERVATORIUM REGULATIONS

1. Fees are not refunded, nor is the length of the term extended on account of temporary absence. Absence from lessons caused by prolonged illness may be allowed for, provided the Secretary is notified and a Doctor's certificate presented.

2. *No business matters can be arranged through the instructors, but must be transacted through the office.*

3. Students cannot register for less than a term and must notify the Secretary, *at least a week before the end of the term*, if they wish to discontinue lessons, otherwise it is understood that lessons will be continued through the following term and fees for the full additional term must be paid.

4. Any lessons missed in consequence of the instructor's absence will be made up at the mutual convenience of instructor and pupil. Lessons missed by students are their loss, unless a doctor's certificate is produced, when lessons will be made up, but no fees will be refunded or remitted.

5. All students must sign the attendance register in the office immediately after each lesson.

6. Every student (except those attending schools) must, at the beginning of each session, *either* produce a medical certificate from his or her medical attendant *or* be examined by the Medical Officer appointed by the University. (See General Announcement.)

7. No student suffering from an infectious or contagious disease, or who is, in the opinion of a competent medical attendant, in any way brought into contact with any person infected with such disease, is allowed to attend.

8. Students are required to be punctual at lessons, lectures, concerts and examinations.

9. Notices on the bulletin boards are official, and students are requested to pay due attention to such as may be posted there.

10. *No change in course or teacher can be made without first obtaining the consent of the Director.*

11. Students are advised to take the sessional examination (the form of such examinations to be decided by the Director) and are prepared for the same by the instructor or instructors to whom they are assigned.

12. *A student wishing either to take part in any public musical performance, publish a composition, or accept a professional engagement, must first obtain the consent of the Director, and the approval of the student's teacher. The prescribed form must first be filled in.*

13. The name of each lecture and the hours at which the classes are held will be posted on the notice boards.

14. *Registered students of the Conservatorium must take part in either recitals or concerts, if required to do so by the Director.*

15. Visitors are not allowed to be present during any lesson (class or private) except by permission.

16. The Director has the right to refuse or to cancel at any time the registration of any individual whose presence in the Conservatorium may appear detrimental to its interests.

17. Smoking within the building is absolutely prohibited.

18. The standing of any student in the Faculty depends not only on examination results but also on his general progress and musical ability.

19. Reports on the progress and ability of each student will be prepared by all teachers, and by the Director, at the end of each term, and sent to the parents or guardian.

20. Permission to practice in any room must be obtained from the Office.

SCHOLARSHIPS

THE SIR WILLIAM PETERSON MEMORIAL SCHOLARSHIPS

Established in 1921 by the University and by friends, graduates and pupils of the Faculty of Music. The interest upon the original endowment of $6,055 is used to support two scholarships in Music as a memorial to the late Sir William Peterson.

For further details consult the Secretary of the Faculty.

THE SIR WILLIAM MACDONALD MEMORIAL SCHOLARSHIPS

Established in 1922 by the University. The interest upon the original endowment of $6,000 is used to support scholarships in Music as a memorial to the late Sir William Macdonald.

For further details consult the Secretary of the Faculty.

ELLEN BALLON PIANO SCHOLARSHIP

Founded in 1928 by a gift of $1500 from Miss Ellen Ballon, a graduate of the Conservatorium. The principal has been increased by a further gift of $1,500 from Miss Ballon. In making this award the Faculty takes into account the need as well as the ability of candidates.

RESSLER MEMORIAL SCHOLARSHIP

Founded in 1950 by the late Mr. H. R. Ressler for violinists.

DONALDA PRIZE

Founded by a gift of $2,500 from Madame Pauline Donalda.

CONSTANCE WILLEY PRIZE

Founded 1947 by Mrs. Arthur Willey for the candidate obtaining highest marks in the semi-final examinations for the Licentiate Diploma in Pianoforte playing.

For further details consult the Secretary of the Faculty.

UNIVERSITY BURSARIES

Full-time students studying for the Licentiate in Music or for the Bachelor of Music degree may apply for University Bursaries. For details see the separate Scholarships Announcement which may be obtained from the Registrar's Office.

REQUIREMENTS FOR DEGREES

For requirements for the Degree of Doctor of Music, see page 2197.

DEGREE OF BACHELOR OF MUSIC

All candidates for this degree must pass the following examinations:—

1. The Matriculation examination.
2. The First examination in Music (at the end of the first year).
3. The Second examination in Music (at the end of the second year).
4. The Final examination in Music (at the end of the third year).

A specimen set of papers for each of the three examinations in Music can be obtained from the Secretary, price 25c. each.

THE MATRICULATION EXAMINATION

The Matriculation Examination is held yearly, in June, at McGill University and at various centres throughout the Dominion. There is also an examination held in September, but at McGill University only. Candidates for musical degrees are examined in the following:—

1. English (two papers).
2. History (one paper).
3. Two of the following languages:—French, German, Latin, Italian, Spanish (two papers in each of the two languages chosen by the candidate).
4. Algebra or Geometry (one paper).
5. Music—one paper. The paper set is that of the Highest Grade (Harmony and Counterpoint) of the local theoretical examination in Music and must be taken by the candidate at the regular examinations held by the Conservatorium in May.

Further information with regard to this examination, and exemption therefrom through the possession of certain equivalent certificates, can be obtained from the Registrar of the University.

EXAMINATIONS IN MUSIC FOR DEGREE OF BACHELOR OF MUSIC

The first and second practical studies are no longer required. In their place prepared reading and reading at sight from open score are required in each part of the Mus. B. examination.

Note:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

FIRST EXAMINATION IN MUSIC

(a) Harmony in three and four parts.

(b) Strict Counterpoint up to three parts, answers to Fugue subjects. Canon in two parts.

(c) Form and analysis. Questions will be given on accent, cadences, metre, rhythm, phrasing, etc., and on the form of the pieces included in lists A and B of the Highest Grade Piano Local Centre Examinations.

(d) Musical History, 1600-1900.

(e) Playing on the pianoforte from open vocal score (G & F clefs only).

(f) Viva voce.

SECOND EXAMINATION IN MUSIC (See note above)

(a) Harmony in not more than four parts, choral and instrumental.

(b) Counterpoint (strict and free) in not more than four parts, including three part counterpoint in 16th century style.

(c) Fugal exposition up to four parts to which must be added a codetta and a counter exposition. The counter subject must be regular and in double counterpoint.

(d) History of music from earliest times to A.D. 1600.

(e) Form and analysis. The candidate must show an intimate knowledge of a few compositions, the names of which will be supplied on application, at least three months before the date of examination.

(f) Elementary knowledge of accoustics or physiology of the voice.

(g) Playing on the pianoforte from string quartet score.

(h) Viva voce.

The possession of the Diploma of Licentiate of Music obtained either under Classes A, C or D from McGill University exempts candidates from the necessity of taking the First and Second Examinations for Mus. B., and, accordingly, candidates can proceed direct to the Final Examination, provided that they have matriculated.

FINAL EXAMINATION IN MUSIC (See note above)

(a) Harmony up to five parts.

(b) Free Counterpoint, up to five parts, in 16th century style.

(c) Fugue in four parts. Countersubject to be in double counterpoint at the 12th.

(d) History of music from 1900 to present.

(e) Form and analysis. Knowledge will be required of such works as the following:—Bach's 48 Preludes and Fugues; Beethoven's Pianoforte Sonatas; Schubert's, Schumann's and Brahms' Songs; an Opera *or* an Oratorio; Symphonies and Overtures by Mozart, Beethoven, Brahms, Mendelssohn, Wagner, besides contemporary works. Candidates may, at least three months before the examinations, obtain from the Secretary of the Faculty of Music a complete list of the works upon which the examination paper in this subject will be based.

(f) Instrumentation. A knowledge of the compass and capabilities of all instruments in the modern orchestra and the scoring of a given passage in a given time; also prepared reading and reading at sight of classical orchestral scores.

(g) Two original compositions to be sent in by a candidate, to be received by the Secretary of the Examining Board not later than the

last day of the second week in April. One to be an unaccompanied vocal work (not an anthem) showing considerable vocal resource; the other to be a work for strings, or combination of not less than four instruments or full orchestra. The works may be in any form and the instrumental composition should be of extended length. Candidates, when submitting their compositions, must send at the same time, a signed statement to the effect that the works are their own unaided efforts. (The composition, whether accepted or not, will not be returned to the candidate.)

(h) Viva voce.

(i) Essay. Candidates will be required to write an English Essay on one of a choice of subjects of general interest, not necessarily having any connection with music.

BACHELOR OF MUSIC—MUSIC IN EDUCATION

Prerequisite for the course leading to the Degree of Bachelor of Music in Education to be:

(a) Junior Matriculation (or the equivalent).

(b) Completion of all the requirements for the Licentiate Diploma (Class D). (See page 2144.)

Before sitting for the examination, candidates must submit an original thesis on some phase of music in education, previously approved by the Dean of the Faculty of Music. Thesis must be in the hands of the Secretary of the Faculty of Music before April 1st.

Course Leading to the Examination will be in three parts:—

1. Theoretical work.
2. Practical work.
3. Viva voce.

Note:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

1. THEORETICAL WORK

(a) Harmony up to 4 parts, thus: S.S.A.; S.A.B.; S.S.A.A.; S.S.A.B.; S.A.T.B.; including harmonizing melody (in the style of a Bach chorale) for strings or wind.

(b) Counterpoint, strict and free up to 4 parts.

(c) Fugal exposition in four parts to which must be added a codetta and a counter exposition. The counter subject must be regular and in double counterpoint.

(d) History of Music—1900 to date.

(e) Form and Analysis. Knowledge will be required of such works as the following: Bach's 48 Preludes and Fugues; Beethoven's Pianoforte Sonatas; Schubert's, Schumann's and Brahms' Songs; and an Opera or Oratorio; Symphonies and Overtures by Mozart, Beethoven, Brahms, Mendelssohn, Wagner, besides contemporary works. List of works on which the examination papers in this subject will be based may be obtained from the Secretary of the Faculty of Music at least three months before the date of the examination.

(f) Instrumentation. A knowledge of the compass and capabilities of all instruments in the Orchestra and Military Band, and the scoring of a given passage for High School Band and High School Orchestra.

2. PRACTICAL WORK

Ability to:

(a) Direct School Band or Orchestra.

(b) Direct School choral group with Band or Orchestral accompaniment.

(c) Teach School Instrumental class, brass or strings or reed.

3. VIVA VOCE

(a) Questions concerning any phase of school music.

(b) Preparation, and test, of repertory will be given by means of gramophone recordings concerning candidate's knowledge of thematic material in works selected for that purpose. A list of works on which the test will be based may be obtained from the Secretary of the Faculty of Music six months prior to the examination.

(c) Questions pertaining to the submitted thesis.

REQUIREMENTS FOR THE DIPLOMA OF LICENTIATE IN MUSIC

(For Fees, see page 2116)

Candidates may elect to be examined either in:—

Class A—Theoretical Subjects and Composition, *or*

Class B—Practical Subjects as Performers, *or as*

Class C—Professional Instructor (see page 2137), *or*

Class D—School Teacher (see page 2144).

LICENTIATE CLASS A—THEORETICAL SUBJECTS AND COMPOSITION

FIRST EXAMINATION

Note:—No student may proceed to the higher examination until he has completed the requirements of the lower.

(a) *Advanced Rudiments*, including Sight Reading and Ear Tests.

(b) *The Harmony and Counterpoint* paper of the Highest Grade Local Centre theoretical examinations.

(c) *History and Form and Analysis* paper of the Highest Grade Local Centre theoretical examinations.

SECOND EXAMINATION (See note above)

Requirements a, b, c, and d are the same as those for the First Examination for Mus.B. (See page 2120.)

(e) The regulation requiring the submission of a composition is cancelled. Instead, candidates will be required to sit for an examination in the setting of words for unaccompanied S.A.T.B., or specified voices with instrumental accompaniment.

THIRD EXAMINATION (See note above)

Requirements a, b, c, d, and e are the same as those of the Second examination for Mus.B. (See page 2121.)

(f) *Practical work on pianoforte or organ.* The requirements are those of the Senior Grade of the practical local examinations. Exemption from this test may be claimed if candidates possess certificates showing that they have passed that examination.

(g) *Composition* of (1) a movement in Sonata form (for either pianoforte, or organ, or violin and pianoforte, or any other combination); or (2) a Chorus with independent accompaniment for strings or some combination of orchestral instruments (*not an anthem*); or (3) an extended composition for strings. This must be received by the Secretary not later than the last day of the second week in April. (The composition, whether accepted or not, will not be returned to the candidate.)

(h) *Instrumentation.* A knowledge of the compass and capabilities of all instruments in the modern orchestra and the scoring of a given passage in a given time.

(i) *Viva voce;* also prepared reading and reading at sight of classical orchestral scores.

LICENTIATE CLASS B—PRACTICAL SUBJECTS AS PERFORMERS

FIRST EXAMINATION

Candidates are required to pass Senior Grade of the Local Centre Examination in Theory, and practical work either as Vocalist or Instrumentalist, in Principal Study, the requirements of which are those of the Highest Grade of the practical local examinations. Candidates will be asked questions on the form of the works presented, as well as questions relating to keys and modulations.

SECOND EXAMINATION (Semi-Final)

The requirements for candidates whose chief study is either pianoforte, or violin, or violoncello, or organ, or singing, are found under separate headings, numbered (i) to (vii):—

(I) PIANOFORTE

(No written examination)

1. *Scales.* Major, minor (both forms) and chromatic scales at the distance of 8ve, 3rd, 6th and 10th through four octaves; also in double 3rds (in similar motion only) and double 8ves through two octaves.

The candidates must be prepared to play all the above mentioned scales in all keys, in either similar or contrary motion, beginning on either the highest or lowest notes, and with either legato or staccato touch (double 3rds in similar motion only).

2. *Arpeggios.* Common chords, with hands commencing either an 8ve, 3rd, 6th, or 10th apart, in similar and contrary motion, also common chords in double octaves, legato and staccato, beginning on either the highest or lowest notes; dominant and diminished 7ths in similar motion an octave apart or at any inversion or interval; in contrary motion commencing either on the same note and working outwards, or on the extreme notes and working inwards. Also double octaves.

3. *Reading at Sight.*

4. *Performance.* (All pieces to be played from memory.) One item from each group to be prepared, plus a piece of the candidate's own choice.

(a) Partita in C Minor (first movement)	BACH
Partita in G Major—Preamble	BACH
Prelude and Fugue in D Minor—Book I	BACH
Prelude and Fugue in C Minor—Book II	BACH

(b)	Andante Favori in F	BEETHOVEN
	Variations in F—Op. 34	BEETHOVEN
	Sonata in B flat—Op. 22 (First movement and Minuet and Trio)	BEETHOVEN
	Sonata in C (English Sonata)	HAYDN
(c)	Nocturne in E Major	CHOPIN
	Sonata in G Minor—Op. 22 (Slow movement and Scherzo)	SCHUMANN
	Two Intermezzos—Op. 118 (No. 1 in A Minor, No. 6 in E flat minor)	BRAHMS
(d)	April	JOHN IRELAND
	Nocturne from Miniature Suite in C	YORKE BOWEN
	Sonatina in G	J. B. McEWEN

(e) A piece of candidate's own choice.

5. Questions will be asked on the general outlines of form shown in the pieces and also on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(II) VIOLIN (No written examination)

1. *Scales.* Any major or minor scales (both forms), selected by the examiners in thirds, sixths, and octaves, one note to each bow, through two octaves. Also any of the ordinary scales through three octaves with various bowings. Chromatic scale starting from F in the first position (D string) through two octaves.

2. *Arpeggios.* All major and minor chords throughout three octaves, and in octaves throughout two octaves. Dominant sevenths and diminished sevenths in all keys throughout three octaves.

3. *Reading at Sight.*

4. *Performance.* Candidates must perform any one Etude from each of the following composers:—Kreutzer, Fiorillo, Gavinies, and Rode, and also play one of the following (from memory):

Concerto No. 5 in A major (K. 219)	MOZART
Concerto in E minor	MENDELSSOHN
Sonata in F major (Op. 24)	BEETHOVEN

Sonata in G major (Op. 30 No. 3) — BEETHOVEN

Sonata in G major (Op. 78) — BRAHMS

5. *Questions.* Questions will be asked on the general outlines of form shown in the studies and pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(III) VIOLONCELLO (No written examination)

1. *Scales.* Major, minor (both forms), and chromatic scales in all keys.

2. *Arpeggios.* All majors and minors (both forms). Dominant and diminished sevenths.

The candidate must be prepared to play the scales with various bowings.

3. *Reading at Sight.*

4. *Performance.* Candidates must be prepared to play (from memory) one piece from any two of the following groups—two items in all:—

(a) Suite No. 1 — J. S. BACH

(b) Sonata in E minor (Op. 38) — BRAHMS
(1st and 2nd movements only) *or*

Sonata in F (Op. 99) — BRAHMS
(1st and 2nd movements only) *or*

Sonata in A major (Op. 69) — BEETHOVEN
(The whole)

(c) Also any two of the following pieces:—

Seven Variations on a Theme from "The Magic Flute" (Op. 66) — BEETHOVEN

Two Poems — HUGO ANSON
(Oxford University Press)

Slumber Song (arr. Harvey Grace) — BACH
(Oxford University Press)

Five Irish Folk Tunes — HOWARD FERGUSON
(Oxford University Press)

5. *Questions.* Questions will be asked on the general outlines of form shown in the pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(IV) VIOLA (No written examination)

1. *Scales*
2. *Arpeggios*
3. *Reading at Sight*
4. *Performance*

See Violin requirements, page 2126.

Candidates must perform any one Etude or Caprice from the following:

41 Caprices, Op. 22	CAMPAGNOLI
Etudes, Op. 35	DONT
Etudes, Op. 22	HERMANN
Etudes de Concert, Op. 18	HERMANN
42 Etudes	KREUTZER
Etudes 36, 44, 47, 49, 62	PALASCHKO
Caprices for Viola	RODE
Caprices for Viola	ROVELLI
15 Etudes for Viola	SITT

and also play (from memory) one of the following:

Concerto, Op. 68	SITT
Concertstuck, Op. 19	SITT
3 Sonatas for Viola and Piano	J. S. BACH (arr. Succenski)
Concerto in B minor	HANDEL
Concerto in D major	P. E. BACH
Sonata for Viola and Piano	P. LYON
Conte de Fées, Op. 113	SCHUMANN

5. *Questions.* Questions will be asked on the general outlines of form shown in the studies and pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(V) DOUBLE-BASS, HARP, AND WIND INSTRUMENTS

Requirements will be forwarded to candidates on application to the Secretary of the Conservatorium of Music.

(VI) ORGAN (No written examination)

1. *Scales.*
   (a) Manuals only (with both hands).
   (b) Pedals only.
   (c) One hand only with pedals, at varying degrees of speed and beginning with either the highest or lowest note.

   In the case of (a) and (c) contrary motion may be required.

2. *Arpeggios.*
   (a) For pedals through two 8ves; common chords, major and minor in keys of C, D, D flat, E flat, E, and F.
   (b) One hand and pedals combined, in contrary motion.

3. *Reading at Sight.*

4. *Transposition.* Of a short passage, a semitone or tone above or below.

5. *Performance.* One piece from each of the following groups.

   (a) Chaconne in E minor — BUXTEHUDE
   (Salabert, Paris)

   Fugue in A minor — FRESCOBALDI
   (Oxford University Press)

   Voluntary in D minor — ORLANDO GIBBONS
   (Novello)

   Diferencias — CABEZON
   (Schirmer)

   (b) Toccata in F — BACH
   (Novello Book 9)

   Passacaglia and Fugue in C minor — BACH
   (Novello Book 10)

   Prelude and Fugue in G major — BACH
   (Novello Book 8, page 112)

   Sonata No. 6 (First movement only) — BACH
   (Novello Book 5)

(c) Sonata in C minor (Fugue only) JULIUS REUBKE
(Novello, edited by Ellingford)

Sonata in E flat (Scherzo only) BAIRSTOW
(Novello)

Wie schon leuchtet der Morgenstern, Op. 65 No. 44, *and* Lobe den Herren, O Meine Seele, Op. 65 No. 28
(E. B. Marks) KARG-ELERT

Sonata No. 1 (either of the two movements) pages 3-13, or 14-23 PAUL HINDEMITH
(Edition Schott)

6. *Questions.* Questions will be asked on the general outlines of form shown in the pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(VII) SINGING (No written examination)

1. *Scales and Technical Exercises.* Major, minor, and chromatic scales at varying degrees of speed.

(For example, see Randegger's Singing Primer, pages 38, 41 and 48). Also any six of the technical exercises given on pages 161 to 169 of the same work, selected according to voice.

2. *Arpeggios.* See Randegger's Singing Primer, pages 102, 104 and 107.

3. *Reading at Sight.*

4. *Performance.* Studies.

Soprano or Tenor—Any two from No. 1 to No. 17, Fourth Series. Part I. 30 Solfeggios. VITTORIO RICCI

Alto or Bass—Any two from No. 1 to No. 17, Fourth Series. Part II. 30 Solfeggios. VITTORIO RICCI

Medium Voices—Any two from No. 1 to No. 17. Fourth Series. Part III. 30 Solfeggios. VITTORIO RICCI

The selection of the pieces to be rendered in this examination is left to the candidates, who must, however, choose music of the following character (to be sung from memory):—

(a) Two specimens of Recitative.

(b) Two arias from an Oratorio or Oratorios.
or
Two arias from an Opera or Operas.

(c) Two songs by any of the following composers:—PARRY, ELGAR, HENCHEL, STANFORD, SCOTT, IRELAND, ARMSTRONG, GIBBS, HOLST, VAUGHAN-WILLIAMS, DELIUS.

(d) Two songs by any of the following composers: — SCHUMANN, SCHUBERT, FRANZ, BRAHMS, LOEWE, WOLF, BALAKIREFF, GRIEG, HAHN, SIBELIUS, STRAUSS and FAURE.

(e) One specimen of Folk Song from "A selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello).
(To be sung unaccompanied.)

N.B.:—The selection made will be taken as an indication of the candidate's taste.

5. *Questions.* Questions may be asked as to the style of the pieces selected and the modulations or keys through which the music passes, etc.

Questions may be asked on the more advanced rudiments of music, the general knowledge of repertoire, and on physiology of the voice.

THIRD EXAMINATION (Final)

The requirements for candidates whose chief study is either Pianoforte or Violin, or Violoncello, or Organ, or Singing, are found under separate headings, numbered (i) to (vi). There is no written examination.

(I) PIANOFORTE

1. *Sight Reading Test.*

2. *Questions.* Questions will be asked on musical history from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces must be played from memory.) One of the specified items from each group to be prepared:

(a) Prelude and Fugue in F sharp major	Book I	BACH
Prelude and Fugue in C sharp major	Book I	BACH
Prelude and Fugue in A flat major	Book II	BACH
Prelude and Fugue in D sharp minor	Book II	BACH
Prelude and Fugue in C sharp minor	Book II	BACH
French Suites Nos. 4, 5 or 6		BACH
Chromatic Fantasia and Fugue		BACH
(b) Any *two* of the following		
Etudes: Op. 10, Nos. 1, 2, 7, 8		CHOPIN
Op. 25, Nos. 6, 8, 10, 11		CHOPIN

(c)	Concerto No. 5, Op. 73 Sonata in E, Op. 109 Sonata in E flat, Op. 81a	BEETHOVEN
	Sonata in B minor, Op. 58	CHOPIN
	Sonata in G minor, Op. 22	SCHUMANN
(d)	Variations on "O Mistress Mine" (Novello)	BYRD
	Variations in A (Omitting variations 4, 5, 12)	GLAZOUNOV
	Ballade in D major, Op. 10, No. 2	BRAHMS
	Scherzo in E flat minor	BRAHMS
	Etudes Symphoniques (Theme and any three Etudes)	SCHUMANN
(e)	Reflets dans l'eau	DEBUSSY
	L'Isle Joyeuse	DEBUSSY
	Poissons d'Or	DEBUSSY
	Bourrée Fantasque (Enoch & Sons)	CHABRIER
	Ondine	RAVEL
	Sonatine	RAVEL
	Rhapsody	JOHN IRELAND
	A Reel, No. 4 of Four Irish Dances (Stainer & Bell)	STANFORD-GRAINGER

(f) A piece of the candidate's own choice.

Special Note:—In place of a selection from sections (d) and (e) the candidates may present César Franck's Prelude, Choral and Fugue.

4. *Examination in Second Study.* Certificates gained in any of the three higher grades of the local practical examinations exempt candidates from this test, whether the subject chosen is Organ or Violin, or Violoncello, Singing or Wind Instrument.

(II) VIOLIN

1. *Sight Reading Test.*

2. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces to be played from memory.) One piece to be selected from each of the following groups:—

(a) Chaconne — BACH
Sonata in G minor — BACH
(For violin alone, Prelude and Fugue only.)

(b) Sonata in C minor, Op. 30, No. 2 — BEETHOVEN
Sonata — DEBUSSY
Sonata — RAVEL
Sonata in A — CESAR FRANCK
Sonata in A minor — JOHN IRELAND
(Winthrop Rogers)

(c) Concerto (1st two movements) — BEETHOVEN
Concerto (first movement) — ELGAR
Concerto in D minor (first two movements) — MAX BRUCH
Concerto No. 4 in D major — MOZART
(First two movements: Joachim's Cadenza)
Concerto in A minor, Op. 73 — GLAZOUNOV
First *or* second movement
Concerto for Violin — WALTON

(d) Spanish Suite: / Suite Espagnole — NIN
Nigun—Improvisation — ERNEST BLOCH
La Fontaine d'Arethuse — SZYMANOWSKI
Variations — JOACHIM

4. *Examination in Second Study* (which must be the Pianoforte). Certificates gained in any one of the three highest grades of the local practical examinations in pianoforte exempt candidates from this test.

(III) VIOLONCELLO

1. *Reading at Sight.*

2. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces to be played from memory.) Any three of the following:—

Sonata in F Major (Op. 99) — BRAHMS
(Last movement)
Sonata in E minor (Op. 38) — BRAHMS
(Last movement)
Concerto (Op. 85) (First Movement) — ELGAR
Sonata (Last Movement) — DELIUS
Concerto in B minor (Op. 104) (First Movement) — DVORAK

4. *Examination in Second Study* (which must be the Pianoforte). Certificates gained in any one of the three highest grades of the local practical examinations exempt candidates from this test.

(IV) VIOLA

1. *Reading at Sight.*

2. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces to be played from memory.) One piece to be selected from each of the following groups:

(a)	Concerto in D major, Op. 107	Mozart
	Chaconne	Vitali
	6 Suites	J. S. Bach (arr. Succenski)
(b)	Ballade	Weiner
	Jagostuck, Op. 36 No. 20	Palsachko
	Morceau de Concert	Hubay
(c)	Sonata, Op. 120 Nos. 1 and 2	Brahms
	Suite No. 48	Jongen
	Romance, Op. 83	M. Bruch
	Suite for Viola	Vaughan Williams
	Suite for Viola	Bloch
(d)	Sonata, Op. 11 No. 4	Hindemith
	Sonata, Op. 11 No. 5	Hindemith
	Sonata, Op. 25 No. 1	Hindemith
	Catalane	Busser
	Viola Concerto	Sansmann
	Viola Concerto	Arensky
	Viola Concerto	Jacob

4. *Examination in Second Study* (which must be Pianoforte). Certificates gained in any one of the three highest grades of the local practical examinations exempt candidates from this test.

(V) DOUBLE-BASS, HARP, AND WIND INSTRUMENTS (See page 2129)

(VI) ORGAN

1. *Transposition and Modulation Tests.* The transposition of a passage into another key not exceeding a third above or below. Modulation—Candidates are advised to make their modulation musically and not only mathematically correct.

2. *Sight Reading Test.*

3. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

4. *Performance.* Of one piece from each of the following lists:—

(a) Prelude and Fugue in G Major (Book VII Novello)	BACH
Prelude and Fugue in E flat major (Book VI, Vol. II Novello)	BACH
Fantasia and Fugue in G minor (Novello VIII or Peters)	BACH
Prelude and Fugue in C minor (Oxford University Press)	VAUGHAN WILLIAMS
(b) Sonata in E minor No. 8 (Op. 132) (Novello)	RHEINBERGER
Sonata in C sharp minor (Schott)	HARWOOD
Sonata Britannica No. 3 Op. 152 (Stainer & Bell)	STANFORD
Sonata in G major Op. 28 (Breitkopf & Hartel)	ELGAR
Sonata in G minor Op. 28 (Peters)	PIUTTI
(c) Dithyramb	HARWOOD
Toccatina on "Corde Natus" (Augener)	EAGLEFIELD HULL
Concert Fantasia on "Hanover" (Novello)	E. LEMARE
Vorspiel and Liebestod (arr. J. E. West) (Novello)	WAGNER
Choral in E	FRANCK
Choral in B minor (Peters or Durand)	FRANCK
Introduction and Passacaglia (Oxford University Press)	ALCOCK

5. *Short Extemporization on a Given Theme.*

6. *Examination in Second Study.* Certificates gained in any one of the three highest grades of the local practical examinations exempt candidates from this test, whether the subject chosen is either Pianoforte, or Violin, or Violoncello, Singing, or Wind Instrument.

(VII) SINGING

1. *Performance.* (All studies and works submitted must be sung from memory.)

(a) Studies:

Soprano or Tenor—Any two from No. 18 to the end of the Fourth Series, Part I, of 30 Solfeggios. VITTORIO RICCI

Alto or Bass—Any two from No. 18 to the end of the Fourth Series, Part II, of 30 Solfeggios. VITTORIO RICCI

Medium Voices—Any two from No. 18 to the end of the Fourth Series, Part III, of 30 Solfeggios. VITTORIO RICCI

(b) The principal solo work from an opera or oratorio.

(c) Not less than three songs in various languages to exemplify proficiency in diction.

2. *Sight Reading Test.*

3. *Questions* on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge, and questions on physiology of the voice.

4. *Chief Study.* The studies by Vittorio Ricci must be prepared by all candidates, but as types of voices and capabilities of vocalists differ so much, it is impossible to specify satisfactorily other work on which any individual candidate will be examined. The Examination Board is prepared to accept in the Final Examination any works on which a correct judgment can be formed as to whether the candidate shall, after examination, be awarded the Diploma:—

(a) As soloist for Concert Work only.

(b) As soloist for Light Opera.

(c) As soloist for Grand Opera.

(d) As soloist for Oratorio.

(e) As soloist for a combination of any of these.

Candidates must submit to the Board of Examiners, through the Secretary, a list of works which they propose to present for the Final Examination.

5. *Second Study* (which must be the Pianoforte). Certificates gained in any one of the three highest grades (i.e. Intermediate, Senior, or Highest), of the local practical examinations for Pianoforte exempt candidates from this test.

The ability of candidates to play their own accompaniments on the pianoforte to the vocal work prepared by them for the examination, together with the reading of a song accompaniment at first sight, will be accepted as second study.

LICENTIATE CLASS C—PROFESSIONAL INSTRUCTOR (THEORY AND PRACTICE)

FIRST EXAMINATION (Piano)

Note:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

(Partly written and partly viva voce)

Candidates are required to pass the Highest Grade of the Local Centre examinations in Theory. (See page 2156.)

Chief subject:

Candidates will be expected to show sufficient executive ability to perform the technical work, studies and pieces contained in the list for the current year's local examination in the Highest Grade. (Total exemption from this examination can be claimed if candidates can produce certificates of having previously passed the Highest Grade, theoretical, and the Highest Grade, practical, of the local examinations.)

N.B.—Sight reading tests and ear tests will be given in each part of this examination.

SECOND EXAMINATION (Semi-Final)

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

(Partly written and partly viva voce)

1. Harmony in three and four parts up to chords of the 9th, including suspensions and use of passing notes.

2. Strict Counterpoint in three parts, answers to fugue subjects.

3. Musical History 1600-1900.

4. The principles of Elementary Form and Analysis.

5. Chief study, (numbered (i) to (vi) below).

(I) PIANOFORTE

For Scales, Arpeggios, reading at sight and transposition the requirements are the same as those for performer. (See pages 2125 and 2126.)

Performance:

Bourrees in A Minor and A major
from English Suite in A minor — BACH

or

Prelude and Fugue in D major Book I — BACH

and all of the following:

Sonata in E flat, Op. 27, No. 1, 1st movement — BEETHOVEN

Intermezzo in B flat, Op. 76 — BRAHMS

Rosemary (Boosey & Hawkes) — FRANK BRIDGE

Viva voce:

Questions will take the following form:—

(1) On the position and action of hands, arms, and fingers and on the use of the pedal.

(2) On the teaching of scales (in single notes) and arpeggios. N.B.—In Nos. 1 and 2 no arbitrary or doctrinal opinion will be held by the examiners. Any good method will be acceptable.

(3) To finger certain technical passages presented by the examiner to the candidate.

(4) Questions will be asked on the general outlines of form shown in the pieces and on the contents of "The Growth of Music"—Part 3, by H. C. Colles, published by the Oxford University Press.

[For (ii) to (vi), Violin, Violoncello, Singing, Organ, etc., the requirements are those of the Semi-Final Performer.]

N.B.—Outline of questions likely to be asked in connection with Violin, Violoncello, Singing and Organ may be obtained from the Secretary of the Conservatorium.

6. Second study.

The requirements are similar to those of the Senior Grade of the local examination.

If the candidate's chief study is Singing, Pianoforte Accompaniment will be accepted as second subject.

THIRD EXAMINATION (Final)

Note:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

Part I—Written Examination

1. Harmony in not more than four parts. (Choral and Instrumental.)
2. Counterpoint (strict and free) in not more than four parts.
3. Fugal Exposition in three parts.
4. History of Music from earliest times to A.D. 1600.
5. Form and Analysis.
6. A paper on elementary Physiology of the Voice or on Acoustics.
7. A paper on the Art of Teaching of the candidate's chief subject.

Special Note.—This paper will consist of *set questions* based on the following:—

Candidates will be required to give names of Studies and Pieces with their Composers from classical or standard work, of different degrees of difficulty suitable for special purposes.

To answer questions on method and procedure in teaching.

To finger and phrase given passages, give breathing indications, etc.

Questions on Rhythm, Technique.

To give outlines of work for specific periods of study.

Memorization and Appreciation.

To show such general knowledge, both musical and technical, as might be expected of a reasonably equipped music teacher.

Part II—Viva Voce

Requirements will be found under separate headings, numbered (i) to (vi), corresponding to the candidate's chief subject.

(I) PIANOFORTE

1. (a) To answer questions on the teaching of double notes scales (3rds and 6ths) and double octaves, legato and staccato.

   (b) To answer questions on:—

   Production of tone
   Phrasing
   The playing of ornaments
   Interpretation
   Use of the pedals

(c) To finger certain technical passages presented by the examiner to the candidate.

(d) To show an adequate knowledge of pianistic literature.

(Questions here will embrace the works of Bach, Beethoven, Chopin, Schumann, Brahms, Debussy and Ravel.)

N.B.—Books recommended for reading "Technique and Expression" Franklin Taylor (Novello), and "Musical Interpretation" Tobias Matthay.

The History of Pianoforte Music (Westerby) and the various volumes of "The Pilgrim Series" (Oxford University Press).

In addition, students are recommended to take the following Course—which is, however, not obligatory.

PIANOFORTE TEACHERS' TRAINING COURSE

1. How does the piano behave? What is therefore the proper approach?
2. Phrasing—the Essence of Interpretation.
3. Habit Forming.
4. Memory as a means to proper practice.
5. Is it possible to overcome nervousness?
6. Are scales and arpeggios waste of time?
7. Is reading at sight a gift? The value of a knowledge of harmony.
8. What music should we give our students?
9. Are examinations necessary?
10. When is one ready to perform at students' concerts?

2. Candidates must be prepared to play the following:—

(a) Suite No. 2 in F (Tonmeister Ed.) — HANDEL

or

French Suite No. 1 in D minor — BACH

or

Prelude and Fugue in A minor (Book 1) — BACH

(b) Sonata No. 23 in C (The English) (Augener) — HAYDN

or

Sonatas—Op. 28 (in D major), or
Op. 31 (in E flat), or
Op. 78 (in F sharp major) — BEETHOVEN

Sonata in E minor Op. 7 — GRIEG

(c) Capriccio—Op. 76 No. 1
Op. 76 No. 2 } Any two — BRAHMS
Op. 76 No. 8

or

Fantaisies Op. 116 (any two) — BRAHMS

or

Ballade Op. 118 No. 3 (G minor) — BRAHMS

or

Intermezzo Op. 119 No. 2 — BRAHMS

(These are all in the Brahms volume Book 2 published by Peters.)

(d) Christmas Pastoral (transcribed by Clarence Lucas) (Oxford University Press) — BACH

and one of the following:

Nocturne No. 5 in F sharp
Nocturne No. 18 in E } — CHOPIN

Zigeuner-Novelle Op. 38 No. 3 — POLDINI

The Scarlet Ceremonies (from "Decorations") (Augener) — JOHN IRELAND

Variations on a Lettish Theme Op. 6 — JOHN WIHTOL

(e) A piece of the candidate's own choice by a modern English, French or Russian Composer.

3. Sight Reading Test.

(II) VIOLIN

1. To demonstrate method of finger-training and bowing, posture and fingering, also to finger and bow certain passages, if required.

2. Should the Examiner desire it, the candidate must be prepared to give a student (who is not a pupil of the candidate) a specimen lesson, correcting, if necessary, any errors in bowing, intonation, posture, fingering, etc., and to answer questions and offer suggestions on the work after the student has retired.

3. To differentiate between mechanical and aesthetic expression.

4. To show ability to accompany on the pianoforte.

5. Candidates must be prepared to play any two Studies chosen by themselves from each of the following:—KREUTZER, FIORELLO, RODE, ROVELLI and GAVINES.

6. Performance.

(a) Any of the ten
Sonatas for Violin and Pianoforte — BEETHOVEN
or Sonata in A minor (Op. 105) — SCHUMANN
or Sonata in A (Op. 100) — BRAHMS

(b) Any one of the following Concertos may be selected by the candidate—
BEETHOVEN, MENDELSSOHN, ERNST in F sharp minor, PAGANINI, VIEUXTEMPS, TSCHAIKOWSKY, SAINT-SAENS in B minor, BRAHMS, ELGAR, WIENIAWSKI, BRUCH, LALO.

(c) Romance in E minor — SINDING
or
Havannaise — SAINT-SAENS
or
Rhapsodie Piedmontese — SINAGAGLIA

7. Sight Reading Test.

(III) VIOLONCELLO

See under Violin for requirements 1, 2, 3, 4, and 7.

Candidates must be prepared to play—

5. Nos. 11, 16 and 20 Studies — DUPORT
And any two Studies — DOTZAUER
(From 24 Daily Studies)

6. Any one of the five Sonatas (selected by the candidate) — BEETHOVEN
To show a general knowledge of the Six Suites — J. S. BACH
Symphonic Variations — BOELLMAN
Romance — WAGNER-POPPER

(IV) VIOLA, DOUBLE-BASS, HARP, AND WIND INSTRUMENTS (See page 2129)

(V) ORGAN

1. To demonstrate method of instruction for overcoming difficulties in pedal technique, clear part playing, independence of hands and feet, position of body, stop management, etc.
2. To answer questions as to the causes of difference of tone between the various stops.
3. To explain the principles of pedalling and mark passages submitted to candidates for that purpose.
4. To be prepared to play one of the following groups and one piece of his own choice—
(a) Sonata No. 2 in C minor — BACH
(Book IV Novello)

Chorale in A minor — FRANCK

Psalm Prelude No. 1 (Novello) — HOWELLS

(b) Sonata No. 5 in C major (Book V Novello) — BACH

Prelude on Jesu, meine Freude—(Op. 65—No. 38) — KARG-ELERT

Largo Sostenuto (from A Sea Symphony) — VAUGHAN WILLIAMS

(c) Chorale Prelude—Herr Jesu Christ, dich zu uns wend — BACH

Sonata No. 1 — MENDELSSOHN

Prelude on Vexilla Regis (Augener) — BAIRSTOW

5. Sight Reading Test.

6. To extemporize and transpose.

(VI) SINGING

1. To demonstrate by means of a lesson conducted before the examiners the teaching of proper methods of breathing, tone, attack, evenness of tone, intonation, expression, overcoming of awkward breaks, resonance, facial expression, and posture.

2. To read (at the pianoforte) a simple accompaniment at sight, and also transpose within the limits of a major second above or below.

3. In passages given by the examiner, to phrase or insert breath marks.

4. Candidates must be prepared to give illustrations of Recitative, Solo singing in Opera and Oratorio, and to sing one song of any one composer in each of the following three groups:—

   (a) BACH, HANDEL, MOZART, BEETHOVEN, SCHUBERT, SCHUMANN, FRANZ, BRAHMS, LOEWE, WOLF, STRAUSS.

   (b) PARRY, ELGAR, DELIUS, HOLST, VAUGHAN-WILLIAMS, PETER WARLOCK, DUNHILL, QUILTER.

   (c) DEBUSSY, RAVEL, MILHAUD, POULENC.

   (d) Any Folk Song from "A Selection of Collected Folk Songs" arr. by C. SHARP and VAUGHAN-WILLIAMS (Novello) (to be sung unaccompanied).

5. Sight Reading Test (Vocal).

LICENTIATE IN MUSIC—CLASS D (SCHOOL TEACHER)

Prerequisite for the course leading to this Diploma to be completion of all the requirements for Diploma of Associate—Class C.

1. EDUCATION:
   (*a*) Music methods and materials for High School Grades—vocal *or* instrumental.
   (*b*) Appreciation methods and materials for High School Grades.
   (*c*) A minimum of twenty-five hours observation and practice teaching under supervision.
2. APPLIED MUSIC:
   (*a*) Singing (Semi-final Licentiate Class B—Performer)
   or
   Solo instrument—string, reed, or brass (Semi-final Licentiate Class B—Performer).
   (*b*) Sight reading, transposition and improvisation at the keyboard.
   (*c*) Choral *or* instrumental conducting for high school grades.
   (*d*) Part and sight singing (vocalists only).
   (*e*) Aural training.
3. THEORETICAL:
   (*a*) Harmony (Highest Grade).
   (*b*) Strict counterpoint—all species in three parts.
   (*c*) Arranging for voices *or* instrumental groups.

Note: Marks of seventy per cent or more are required in harmony, strict counterpoint, and arranging.

   (*d*) History of music from earliest times to 1600.
   (*e*) Form and analysis.

DIPLOMA OF ASSOCIATE IN MUSIC

(For Fees, see page 2155)

There are three classes of this Diploma.

Class A—Practical subject as performer.

Class B—Professional instructor.

Class C—School teacher.

The requirements are:—

CLASS A (PERFORMER)

Practical—Semi-final Licentiate (Performers' Class) (see pages 2125 to 2137).

Theoretical: Senior Grade Local Centre Examinations (see page 2157).

CLASS B (PROFESSIONAL INSTRUCTOR)

Practical: Highest Grade Local Centre Examinations (see pages 2158 and 2159).

Theoretical: Highest Grade Local Centre Examinations (see page 2156).

In addition questions on teaching will be asked.

CLASS C (SCHOOL TEACHER)

FIRST YEAR

Prerequisites:

(*a*) Rudiments of Music (Junior Grade). A mark of seventy per cent or more is required.

(*b*) Pianoforte (Primary Grade).

(*c*) High School Leaving or equivalent standing.

Note A: No student may proceed to the higher examination until he has completed all the requirements of the lower.

Note B: Candidates may qualify either as vocal *or* instrumental specialists. See alternative requirements listed below.

Note C: Courses marked with an asterisk—students will attend the regular University classes in these subjects at a nominal fee.

Note D: Graduates of normal schools are exempt from the requirements headed "academic" and "education", provided that these subjects were included in their training and that a pass grade was obtained.

1. ACADEMIC:

*English. (Grade XII or 1st year University.)

2. EDUCATION:

*(*a*) Psychology.

*(*b*) School Management and Law.

(*c*) Music methods and materials for grades 1-3.

(*d*) A minimum of twenty-five hours observation and practice teaching under supervision.

3. APPLIED MUSIC:

(*a*) Pianoforte (Elementary Grade).

(*b*) Singing (Senior Grade)

or

Solo instrument—string, reed, or brass (Senior Grade).

(*c*) Sight reading, transposition and improvisation at the keyboard.

(*d*) Sight singing (for vocalists only).

(*e*) Aural Training.

4. THEORETICAL:

(*a*) Harmony (Intermediate Grade).

(*b*) Strict Counterpoint in two parts—first and second species only.

Note: Marks of seventy per cent or over are required in harmony and counterpoint.

(*c*) Outlines of Music History (Highest Grade).

(*d*) Form and Analysis (Highest Grade).

SECOND YEAR

See Notes A, B, C, and D for First Year Course.

1. ACADEMIC:

*English Composition (Grade XII or 1st year University).

2. EDUCATION:

*(*a*) Education Psychology.

(*b*) Vocal methods and materials for grades 4-7.

or

Instrumental methods and materials for Elementary Grades.

(*c*) Music appreciation methods and materials for Elementary Grades.

(*d*) A minimum of 25 hours observation and practice teaching under supervision.

3 APPLIED MUSIC:

(*a*) Pianoforte (Junior Grade).

(*b*) Singing (Highest Grade),

or

Solo instrument—string, reed, or brass (Highest Grade).

(*c*) Sight reading, transposition, and improvisation at the keyboard.

(*d*) Part singing (Vocalists only).

(*e*) Aural Training.

(*f*) Choral *or* Instrumental conducting for Elementary Grades.

4. THEORETICAL:

(*a*) Harmony (Senior Grade).

(*b*) Strict counterpoint in two parts—all species.

Note: Marks of seventy per cent or more are required in harmony and counterpoint.

(*c*) Musical history—1600-1900.

(*d*) Principles of Form and Analysis.

CHAMBER OPERA DEPARTMENT

As a Second Subject for Diploma Requirements the following courses may be taken.

COURSES IN THE THEATRICAL REQUIREMENTS FOR OPERATIC PRESENTATION

In addition to providing stage training for vocal students these courses are designed to instruct students who are not singers in the requirements of operatic stage direction and production.

Note: Courses 1 and 2 may be taken concurrently.

1. BASIC STAGE TECHNIQUE

Students will receive class instruction in movement, gesture, elocution, and interpretation of dialogue, and will take part in a suitable capacity in the production of a Ballad Opera.

Examination: One written paper on acting techniques. Candidates will also be graded on their practical class work during the session.

2. STAGE TECHNIQUE: DIRECTION AND PRODUCTION

Lecture classes will include the study and preparation for performance of short works representative of various styles, i.e., Classic Opera—Buffa —Ballad—Light, etc.

Students will be required to assist in the preparation of the production in Course 1.

Examination: One written paper on direction and production.

Viva Voce. Candidates will be required to answer questions on acting styles and direction, demonstrating where necessary.

On the completion of courses 1 and 2 the student may proceed to a specialized course in acting, direction, or production.

LOCAL CENTRE EXAMINATIONS IN MUSIC

(For Centres with Hon. Local Representatives, see pages 2151 to 2155).

Recognizing the necessity of helping to raise the standard of musical education in Canada, and at the same time to bring the influence of competent examiners to bear upon instruction, McGill University holds local examinations throughout the Dominion. In view of the fact that it grants Degrees in Music and Diplomas of Associate and Licentiate in Music, the University extends its field of work by means of these local examinations, which are preparatory to those for Degrees and Diplomas.

The Examiners are appointed by the Board of Governors of the University, the Chairman of the Examining Board being Professor Douglas Clarke, Dean of the Faculty of Music and Director of the Conservatorium.

GENERAL REGULATIONS

1. All fees must be paid in advance direct to the Secretary of McGill University Conservatorium of Music who will supply forms of entry. These can also be obtained from the local hon. representatives or local hon. secretaries. (See page 2151 to 2155).

2. A local representative of McGill University will supervise the conduct of the theoretical examination at each centre. All papers will be sent to McGill University itself.

3. Every certificate gained by candidates in any of the public examinations will bear the imprimatur of McGill University.

4. The Principal of a school may arrange with the Secretary to send an examiner to report on the musical education gained at the school. No individual certificates will be awarded in this case, but merely a collective detailed report drawn up by the examiner and sent to the Principal of the school. (See page 2196.)

5. Similar arrangements may be made with regard to Class Singing. (See page 2196.)

6. In case of a candidate being prevented by serious illness from attending any examination, the Secretary is authorized, on receipt of a medical certificate, to transfer a candidate to the next examination without further fee.

7. Examinations will be arranged by the Secretary when required and new centres formed.

ADVICE TO TEACHERS AND CANDIDATES

1. Candidates are advised not to attempt too high a grade when first entering for the local examinations, which are arranged in a systematic course of progressive grades, beginning with the Preparatory grade and leading on through the Diploma examinations for Associate and Licentiate of Music to that for the Degree of Mus.B.

2. Teachers as well as candidates are urged to regard the particular studies and pieces selected for examination in any one grade as indicating the degree of difficulty, and not to confine their attention for a whole year to the preparation of two or three examination pieces.

3. In preparation, teachers and pupils should use music of a lower grade at the beginning of the winter, and should not begin too early with the actual pieces selected for examination at the end of the session. Lack of interest often ensues from the monotony entailed by candidates concentrating their whole attention on the examination book for too long a period.

REGULATIONS FOR LOCAL CENTRE EXAMINATIONS FOR CERTIFICATES

1. Theory examinations are held throughout the Dominion on the date announced in the Calendar (see page 2110). Candidates wishing to take an examination in a practical subject in the same year as the theoretical examination, if unsuccessful in the latter, can still proceed to the practical examination, and if they satisfy the examiner or examiners in this, they may apply for a supplemental theoretical examination held later in the same year, which if they pass, entitles them to receive the certificate for the practical examination. A special charge for this supplemental examination is found under fees on page 2155.

2. Practical examinations are held during May, June, and July.

3. For both theoretical and practical local examinations, forms of application, duly filled in by the candidate, and accompanied by the examination fee, *must reach the Secretary in Montreal on or before April 1st.*

4. Certificates will be awarded to successful candidates in both theoretical and practical subjects.

5. These certificates do not entitle the holders to append any letters to their names.

6. The maximum number of marks in each practical and theoretical subject is 100 of which 60-69 is "Pass", 70-79 "Honours"; 80-89 "Distinction, 90-94 "High Distinction", 95-100 "Very High Distinction".

In the event of a candidate obtaining a bare pass or a mark lower than 65, consideration should be given as to the advisability of further study before proceeding to the work of the next grade.

7. No special text-books are prescribed for theoretical examinations, and no particular method or style is specified for practical examinations. For the convenience of teachers and candidates the University publishes, in separate books for each grade, the studies and pieces required for the Pianoforte Examinations, which can be obtained direct from the General Secretary or from various local music dealers.

8. Candidates presenting a study or piece not prescribed by the current syllabus, run a risk of being disqualified. Only the grade books for the current year shall be used for examination work.

9. Candidates entering for practical subjects must, in all grades except the three last (Elementary, Primary, and Preparatory), work a theory paper of the preceding lower grade before the practical certificate will be released.

10. Only one candidate at a time is allowed to be in the examination room for practical examinations.

11. The accompanist for all examinations, where one is needed, is allowed to be in the examination room only so long as he is accompanying.

12. The examiner's decision is final, and cannot be reconsidered.

13. The possession of certain certificates granted by other institutions may except the holder from the necessity of taking the Theoretical part of the Local Examinations. In making application for exemption

the holder of such certificates must give explicit information to the General Secretary at least one month before the date of the examination, and be prepared to produce the original certificate, if required.

14. The possession of certain certificates gained in the Local Examinations will entitle the holders to claim exemption from certain parts of the examinations for the Diplomas of Associate and Licentiate in Music. should they at a later date decide to proceed to the higher examinations for those diplomas.

LOCAL CENTRES

The following places have been adopted as centres for public examinations in Music; others will be added as necessity requires, but in all cases the establishment of a centre depends upon a sufficient number of candidates applying. All examinations for Certificates in the Local Grades, as well as some of those for Degrees and Diplomas, are held at these centres:

AMHERST	*Hon. Representative:* The Rev. H. C. Olsen. *Hon. Secretary:* Mrs. Geo. R. Shiers, 35 Robie St.
ASSINIBOIA	*Hon. Representative:* The Superintendent of Schools.
AYLMER	*Hon. Secretary:* Rev. C. H. Dawes, B.A., B.D., Box 45A.
AYLSHAM	*Hon. Representative:* B. Dressler, Esq., Principal of the High School. *Hon. Secretary:* Mrs. R. S. Valleau, Moose Range, Sask.
BRANDON	*Hon. Representative:* Principal of Brandon College Institute.
BROCKVILLE	*Hon. Representative:* Rev. Stanley Kerrison, Frankville, Ont. *Hon. Secretary:* _____
CALGARY	*Hon. Representative:* _____
CAMPBELLTON	*Hon. Secretary:* Miss Laura Alford.
CAMPBELL'S BAY	*Hon. Representative:* Rev. J. L. Enright. *Hon. Secretary:* Sister Philippe, St. Joseph's Convent.

CHAPEAU	*Hon. Representative:* Rev. Dean J. Kimpton, St. Joseph's Convent. *Hon. Secretary:* St. Joseph's Convent.
CHARLOTTETOWN	*Hon. Representative:* H. H. Shaw, Esq., B.Sc. *Hon. Secretary:* Miss E. Lillian McKenzie, Mus.B., F.M.C.M. (McGill), Conway Apts., Orlebar St.
COOKSHIRE	*Hon. Representative:* ——— *Hon. Secretary:* Miss E. J. Ball.
CRANBROOK	*Hon. Representative:* Principal of the High School. *Hon. Secretary:* Mrs. D. Finlayson.
EDMONTON	*Hon. Representative:* Dean Robert Hardy, University of Alberta. *Hon. Secretary:* Mrs. O. J. Walker, L.Mus. (McGill), 11103 Saskatchewan Drive.
FERNIE	*Hon. Representative:* Sydney Crookes, Esq. *Hon. Secretary:* Miss S. E. West, F.M.C.M.
FORT QU'APPELLE	*Hon. Representative:* ———
FREDERICTON	*Hon. Representative:* The Very Reverend Spencer C. Gray, The Deanery. *Hon. Secretary:* R. W. Mott, Esq., L.Mus. (McGill), 374 Charlotte St.
GLACE BAY	*Hon. Representative:* ——— *Hon. Secretary:* Mrs. F. Ferguson, 7 Catherine St.
GLADSTONE	*Hon. Representative:* Dr. E. H. Whelpley. *Hon. Secretary:* ———
GRANBY	*Hon. Representative:* ——— *Hon. Secretary:* Mrs. K. Thierer, 11 Dufferin St.
HALIFAX	*Hon. Representative:* The Rev. S. H. Prince, University of King's College. *Hon. Secretary:* Miss Shirley Hoyt, 3 College St.
INDIAN HEAD	*Hon. Representative:* Dr. F. W. Hart.

KAMLOOPS	*Hon. Representative:* _____
KENTVILLE	*Hon. Representative:* The Rev. W. Fraser Munro. *Hon. Secretary:* _____
KERROBERT	*Hon. Representative:* R. L. Hanbidge, Esq., K.C. *Hon. Secretary:* Miss Gladys Nault.
KIMBERLEY	*Hon. Secretary:* Mrs. T. A. Martin.
LETHBRIDGE	*Hon. Representative:* A. J. Watson, Esq., Supt. of Schools, Central School. *Hon. Secretary:* Miss Jennie King, Coaldale, Alta.
LIVERPOOL	*Hon. Representative:* The Rev. J. M. C. Wilson. *Hon. Secretary:* Miss Evelyn Rieser, L.Mus., (McGill)
MAXVILLE	*Hon. Secretary:* Miss Netta McEwen, Box 294.
MELFORT	*Hon. Representative:* J. N. Gale, Esq., P.O. Box 280. *Hon. Secretary:* _____
MONCTON	*Hon. Representative:* The Rev. J. A. Ramsay, D.D., The Manse, Alma St. *Hon. Secretary:* Miss Marion Murray, 185 Mountain Road.
MOOSE JAW	*Hon. Representative:* S. R. Stephens, Esq., City Librarian, Public Library. *Hon. Secretary:* Academy of Sion.
NELSON	*Hon. Representative:* H. E. Dill, Esq., 418 Mill St.
NEW GLASGOW	*Hon. Representative:* W. E. Crummey, High School, Stellarton. *Hon. Secretary:* L. N. Miller, Esq., L.Mus., (McGill).
OTTAWA	*Hon. Representative:* _____ *Hon. Secretary:* Miss L. Barrigar, L.Mus., (McGill), 173 Cooper St.
PETERBORO	*Hon. Representative:* John T. Donaldson, Esq., 223 Crescent St. *Hon. Secretary:* F. G. Mann, Esq., F.M.C.M., 199 London St.

PICTOU ACADEMY	*Hon. Representative:* G. W. MacKenzie, M.A., B.Paed. *Hon. Secretary:* Miss Eva Skinner.
PLATTSBURG SARANAC LAKE OGDENSBURG CHAZY	*Hon. Representative:* J. A. McHattie, Esq., Plattsburg.
MALONE	*Hon. Secretary:* Miss Isabelle Douville, 117 East Main Street.
QUEBEC	*Hon. Representative:* Rev. S. Radley-Walters, L.S.T., St. Peter's Church. *Hon Secretary:* Miss Edith Latter, L.Mus. (McGill), 217 Ninth St., Limoilou, P.Q.
REGINA	*Hon. Representative:* Regina Conservatory of Music. *Hon. Secretary:* Mrs. R. H. Johnston, L.Mus., (McGill), Darke Hall.
REVELSTOKE	*Hon. Representative:* A. E. Miller, Esq., Box 129. *Hon. Secretary:* Miss Sheila Dickey, Box 132.
RIVER JOHN	*Hon. Secretary:* Mrs. Harold Lisson.
ROTHESAY	*Hon. Secretary:* Miss A. V. Davidson, L.Mus. (McGill).
ST. JOHN	*Hon. Representative:* Rev. A. E. Coleman, B.A., 50 Orange Street. *Hon. Secretary:* Dr. H. C. Dunlop, L.Mus., 75 Orange Street.
SASKATOON	*Hon. Representative:* W. A. Gilchrist, Esq., Canada Bldg. *Hon. Secretary:* _____
SHERBROOKE	*Hon. Representative:* _____ *Hon. Secretary:* Wright W. Gibson, Esq., M.A., F.M.C.M., High School.
STELLARTON	*Hon. Representative:* W. E. Crummey, Esq., High School, Stellarton. *Hon. Secretary:* L. N. Miller, Esq., L.Mus. (McGill), Box 44.
SUDBURY	*Hon. Representative:* Dr. J. O. McDonald, 70 Cedar Street. *The Secretary:* Mrs. R. Perreault-Radek, 56 Riverside Drive.

SUTTON	*Hon. Representative:* _____ *Hon. Secretary:* Miss Gertrude Gingras.
SYDNEY MINES	*Hon. Representative:* _____ *Hon. Secretary:* H. A. Briers, Esq., F.M.C.M., Box 438.
SYDNEY	*Hon. Representative:* G. G. Campbell, Esq., B.A., Sydney Academy. *Hon. Secretary:* _____
TIMMINS	*Hon. Representative:* The Rev. W. Linder. *Hon. Secretary:* _____
TRURO	*Hon. Representative:* C. G. Mosher, Esq., M.A., LL.D. *Hon. Secretary:* Miss Bertha Dunn, L.Mus., F.M.C.M. (McGill), 11 Victoria Street.
VANCOUVER	*Hon. Secretary:* C. E. Findlater, Esq., Williams Bldg., 413 Granville Street.
VICTORIA VANCOUVER ISLAND	*Hon. Secretary:* R. H. Cox, Esq., L.Mus. (McGill), 1462 Fort Street.
WINNIPEG	*Hon. Representative:* John Parton, Esq., 356 Main St. *Acting Secretary:* Miss Peggy Morrison, 528 Kingsway.
WOLSELEY	*Hon. Representative:* _____ *Hon. Secretary:* Mrs. Anna P. Thomson.
YORKTON	*Hon. Representative:* E. A. Crosthwaite, Esq., Principal, Simpson School, Yorkton, Sask.

FEES FOR LOCAL EXAMINATIONS

1.—THEORY OF MUSIC (when taken as a Special Subject)

Highest Grade	$ 9.00
Senior Grade	5.50
Intermediate Grade	4.00
Junior Grade	3.00
Elementary Grade	2.00

2.—PRACTICAL SUBJECTS

Highest Grade, *including fee for Senior Theory*	$15.00
Senior Grade, *including fee for Intermediate Theory*	12.00
Intermediate Grade, *including fee for Junior Theory*	10.00
Junior Grade, *including fee for Elementary Theory*	7.50
Elementary Grade	3.50
Primary Grade	2.50
Preparatory Grade	1.00
Duet Playing examination covering both entrants	1.50

3.—SUPPLEMENTARY THEORETICAL EXAMINATION

Fees as on page 2155.

4.—GENERAL SCHOOL EXAMINATION

Fee, $20.00 for first hour and $10.00 for each succeeding hour. (One examiner.)

5.—CLASS SINGING EXAMINATION

Fee, $10.00 per class. (One examiner.)

All remittances for fees should be made payable to McGill University.

LOCAL CENTRE EXAMINATIONS IN THEORETICAL MUSIC

These examinations are divided into five grades, and Certificates in each grade will be awarded to successful candidates.

HIGHEST GRADE—Harmony in four parts, up to chords of the major and minor dominant ninth and secondary sevenths, including the use of suspensions and passing notes (harmonizing of melodies and figured and unfigured bass, the completing of a harmonic sentence from a given pattern); the writing of a short passage introducing specified chords. The candidate will be required to take down from dictation a short and simple melody which will be played three times;

Counterpoint in two parts; Analysis, together with elementary knowledge of form, questions being based upon the candidate's previous study of the pieces given in this year's Highest Grade, List A. Pianoforte Book (a copy of which will be provided for the candidates in the examination room), and the outlines of musical history. The examinations in this grade consist of two papers. One paper deals with Harmony and Counterpoint, and the other with History of Music, and Analysis and Form.

SENIOR GRADE—More advanced questions on the work specified for the Intermediate Grade. A knowledge of musical ornaments or graces and of syncopated time, analysis of given chords or passages and the harmonization of an easy melody and of an unfigured bass. Candidates will also be required to write an original tune of from four to eight bars and indicate the harmony by figuring and directs; to add a contrasted tune to one given (*this is compulsory*), and to *add* phrase marks. *Care should be taken, in writing the tune, to avoid the interval of an augmented 4th and to obtain a judicious mixture of conjunct and disjunct movement. In harmony questions generally candidates should consider the possibiltiy of introducing the supertonic chord.*

N.B.—Special attention is paid by the examiners to the working of the harmony questions. A definite percentage of marks is required in these questions in order to pass.

INTERMEDIATE GRADE—A knowledge of the C clefs, the transposition of a given passage, the barring (and pre-fixing of time and key signatures) of given passages, and (in both original and inverted positions) triads, common chords, chords of the dominant seventh with resolution on the tonic chord and chords of the augmented 6th. In addition to the above, the harmonization by means of simple chords in three or four parts of short phrases with either melody or figured or unfigured bass or both if given. Candidates are required to write a tune of their own of from four to eight bars and add another to it, so as to produce a piece of flowing 2-part writing. They are also required to analyse the chords in a given passage, and point out errors of part-writing or poor chord construction in a given passage.

N.B.—Special attention is paid by the examiners to the working of the harmony questions. A definite percentage of marks is required in these questions in order to pass. (See special note regarding melody and harmony questions under Senior Grade.)

JUNIOR GRADE—Transposition from treble to bass and vice versa, the more extreme key signatures and scales, marks of expression, including the translation of Foreign terms into English and vice versa, a knowledge of triads, technical names of notes for scale degrees, intervals and their inversion, grouping of incorrectly grouped notes according to the time signature used.

ELEMENTARY GRADE—The following are the requirements:—A knowledge of staves, G and F clefs, notes, dots, rests, leger lines, time signatures, key signatures (major and minor), writing scales, the more common marks of expression, easy intervals, and the writing of two simple tunes, each of two bars, on a given pattern; the tunes should have some character. Completing bars with notes or rests.

N.B.—Specimens of examination papers used for all Grades during the last few years can be obtained from the Secretary, McGill University Conservatorium of Music, at 10 cents per copy of each grade.

Special Note:—Leaflets have been specially prepared as a guide on certain points for the use of teachers preparing candidates for the theoretical examinations. These will gladly be sent to anybody interested.

LOCAL CENTRE EXAMINATIONS FOR CANDIDATES IN PRACTICAL SUBJECTS

PIANOFORTE

See requirements and table of marks at the end of this section on Pianoforte regulations.

Official books containing the pieces required for the Pianoforte Examinations in all the seven grades of the local examinations, can be obtained, either from the Secretary, McGill University Conservatorium of Music, Montreal, or from any music dealer in the Dominion.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales.* Major, minor (both forms), and chromatic, in all keys, in similar and contrary motion, at the octave, third, sixth or tenth, with staccato or legato touch, and beginning from either the highest or lowest note, as may be required; major and minor scales also in similar motion in double octaves in all keys.

2. *Arpeggios.* Common chords, dominant 7ths and diminished 7ths, in all positions at the interval of an octave only, starting on the highest or lowest note with staccato and legato touch.

NOTE:—Scales and arpeggios should be played at as fast a speed as is consistent with clarity and accuracy and without group accentuation.

3. *Ear Tests.* Candidates must be able to name, either by interval or by note (as they may prefer), any diatonic or chromatic interval above or below any given note which may be struck by the examiner; to say whether a common chord is major or minor, and to recognize the chord of the dominant 7th in its root position when it is struck.

A rhythmical test is also given (which the candidate is required to tap or sing) as well as a melodic test which the candidate must hum, sing, or play on the piano after the examiner.

4. *Reading at Sight.* Candidates must be prepared to read a test which will be of about the same difficulty as the pieces set for prepared work in the Intermediate Grade.

5. *Prepared Work.* The whole of either List A or List B published in separate books and referred to on page 2158, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music, in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked on the form, modulations, and marks of expression, etc., found in the pieces. In connection with the questions on form candidates are recommended to read Macpherson's "Form in Music" (published by Joseph Williams).

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales.* Major, minor (both forms) and chromatic similar motion through four octaves and contrary motion through two octaves, played legato at the rate of about 4 notes to M.M. 120, and played staccato at about M.M.90, beginning with the highest or lowest note as required and at the octave only. Also all scales in 3rds in similar motion only. All scales must be played forte or piano as required.

2. *Arpeggios.* All major and minor common chords through four octaves, also dominant and diminished 7ths, time to be about 4 notes to M.M. 100 played legato and M.M. 72 played staccato. These arpeggios, also to be played in the inversions if required, at about 4 notes to M.M. 72. All arpeggios must begin from the highest or lowest note as required and be played forte and piano.

3. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. Candidates will be required to sing or hum *any one* of three notes played together, and also a short phrase played by the examiner.

4. *Reading at Sight.* The music will not be more difficult than the pieces set for the Junior Grade.

5. *Prepared Work.* The whole of either List A or List B published in separate books, and referred to on page 2158, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. When there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked as to the key, time and meaning of signs used in the pieces prepared by the candidate. In addition an intelligent musical understanding of the pieces is expected such as simple elements of construction.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination, the Junior Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales.* Major and minor (both forms) in all keys, also chromatic scales through four octaves, each hand separately and both together in similar motion, beginning either on the lowest or highest note legato and staccato, speed to be about 4 notes to M.M. 92 legato and M.M. 72 staccato, piano and forte.

2. *Arpeggios.* All major and minor common chords, with inversions, through four octaves, separately and together, beginning from either the highest or lowest note.

3. *Ear Tests.* To name by interval or note (as candidates prefer), with either middle C. G. or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. Candidates will be required to hum or sing a short phrase played by the examiner.

4. *Reading at Sight.* A test consisting of music of about the same difficulty as the pieces set for the Elementary Grade.

5. *Prepared Work.* The whole of either List A or List B, published together in one book, and referred to on page 2158, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked as to the time, keys, and meaning of signs occuring in the pieces prepared by the candidates.

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales.* Major and minor (both forms, harmonic and melodic, but the latter only hands separately) and chromatic scales in similar motion only, in all keys through two octaves, beginning from either highest or lowest note and played forte or piano with separate hands and both hands as required, at a speed of about 4 notes to each M.M.80.

2. *Arpeggios.* Extended arpeggios of common chords in all major and minor keys in root position through two octaves, each hand separately and together.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G, or F as given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner.

4. *Reading at Sight.* A test is set of which the difficulty will be similar to that of the pieces in the Primary Grade.

5. *Prepared Work.* The whole of either List A or List B, published together in one book and referred to on page 2158, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked as to the various marks of expression and as to the key and time of the various prepared pieces.

ELEMENTARY GRADE

Candidates are not required to take any written theoretical examination before presenting themselves for this examination.

1. *Scales.* The major scales of C, G, D, A, F, B flat and E flat, and their relative minors (harmonic form only), with separate hands and both hands through two octaves, beginning with highest or lowest note, also piano or forte, as required, at a speed of about two notes to each M.M. 88.

2. *Arpeggios.* Major and minor, the same keys as the above scales, each hand separately, through two octaves, in root form only.

3. *Ear Tests.* With any note chosen by the examiner about the middle of the keyboard as the lowest note, to name the major or minor 3rd, perfect 5th and perfect octave from that note.

4. *Reading at Sight.* Two easy tests will be given, one for the right hand alone and one for the left hand alone.

5. *Prepared Work.* The whole of either List A or List B, published together in one book, and referred to on page 2158, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Easy questions will be asked on the marks of expression, key and time of the pieces prepared, also as to the values of the notes and rests and the signatures.

PRIMARY GRADE

Candidates are not required to take any written theoretical examination before presenting themselves for this examination.

1. *Scales.* Major scales, C, G, D, F, and B flat, and their respective relative minors, in harmonic form only, with one hand at a time through two octaves, beginning with the lowest note at a speed of (a) *one note to each M.M. 100* (*b*) *two notes to each M.M. 100.*

2. *Arpeggios.* Major form only, 2 octaves, starting from the lowest note, hands separately, in root form only in keys of C, G, D, F, and B flat.

3. *Prepared Work.* The whole of either List A on List B, published together in one book, and referred to on page 2158, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

4. *Questions.* A few questions will be asked on the notes and rests found in the prepared pieces.

Marks

The following system is adopted:—

	Primary	Elementary Junior and Intermediate	Senior and Highest
Scales	13	13	15
Arpeggios	13	13	15
Accuracy as regards Notes and Rests and correct system of Fingering	14	14	..
Tempo (including in the higher grades, if piece demands it, Tempo Rubato)	10	10	..
Expression (including in the higher grades use of pedals)	10	10	12

Touch, Rhythm, Phrasing and Accent and Interpretation.....	12	12	28
Reading at sight.....	..	12	12
Ear tests.....	..	10	10
Questions.....	6	6	8
Proper position of hands and arms.	12	..	..
Movement of fingers.....	10	..	..
	100	100	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

PREPARATORY GRADE

This is now the earliest examination which it is possible to take in the Local Centre Examinations. There is no theoretical examination.

The candidates will be required to play:—

(1) Short exercises, for separate hands, to illustrate legato playing and phrasing.

(2) Four short pieces for both hands.

(3) Scales C.G.F., major form only, hands separately, two octaves.

(4) Ear tests.

This examination is designed to meet the needs of beginners studying privately as well as those taking the first year course in Pianoforte Class Instruction in schools.

All the music, with specimen ear tests, is published by McGill University and can be obtained in one volume, price 15c.

	Marks
Scales.....	15
Exercises.....	15
Pieces.....	40
Ear tests.....	30
	100

The Oxford Piano Course and the Kammerer have been discontinued.

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

EXAMINATION IN PIANOFORTE DUET PLAYING

In order to encourage the mutual making of music and to stimulate the

interest of young performers, examinations are held in pianoforte duet playing in the Elementary Grade. The requirements are:—

(1) The playing of two or three simple duets of Elementary Grade difficulty.

(2) The major scales of G, F, and D played as duets through two octaves. The players will play together one hand at a time (starting two octaves apart) and two hands together (starting one octave apart).

(3) Ear tests. Simple rhythmical tests will be given. For instance, a tune of one bar will be played and the candidates will tap (together) the rhythm. The examiner will then play a short and easy passage having one chord to a beat and the candidates will be required to clap the beats during the playing. (The test will be played over first.) Candidates will also be required to hum or sing a passage of about 6 notes, equal in length, which will be played over three times on the pianoforte.

(4) Questions on the notes and rests will be asked, also on the times and keys of the prepared pieces.

(5) Sight reading. Candidates will be required to read a very simple duet, one hand only to each part.

Fee (covering both entrants) $1.50. Only one application (with names, etc., of both candidates) need be sent in.

Marks for Duet Playing Examination

Scales	20
Accuracy as regards Notes and Rests and correct system of fingering; sight reading	30
Touch, Rhythm, Phrasing, Accent and Expression	20
Ear tests	20
Questions	10
	100

Pass Marks 60-69 Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

VIOLIN

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales* (from memory). All major and both forms of all minor scales (three octaves). The chromatic scales of C (two octaves) beginning on

the G string and E beginning on the D string. Slurred and detached bowing.

2. *Arpeggios.* In all major and minor keys, and dominant and diminished 7ths, through three octaves, one note to a bow, and slurred (one bow ascending and one descending.)

3. *Ear Tests.* Candidates must be able to name, either by interval or by note (as they may prefer), any diatonic or chromatic intervals which may be struck by the examiner above or below the given note; to be able to say whether the common chord is major or minor, and to recognize a chord of the dominant 7th in its root-position when it is struck (on the pianoforte). A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the violin after the examiner.

4. *Reading at Sight.* Candidates must be able to read a test which will be of about the same difficulty as the pieces set in the Intermediate Grade.

5. *Prepared Work.* (a) Three Studies:—Candidates may choose any one of Kreutzer's Etudes between Nos. 23 and 42 includive, and also any one of Rode's Caprices and also any one of Fiorillo's Etudes.

(b) Concerto No. 19	KREUTZER
or Concerto in A minor, op. 8	RODE
or La Folio	CORRELLI-LEONARD
or Sonata in E. Minor	VERACINI
(c) Sixth Partita in E major, for violin alone (First movement only.)	BACH
or	
Concerto in E major	BACH

6. *Questions.* Questions will be asked on the form, modulation, and marks of expression in the prepared work.

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales* (from memory). All major and both forms of minor scales through three octaves. Slurred and detached bowing.

2. *Arpeggios.* All major and minor keys through three octaves, one note to a bow and slurred (one bow ascending and one descending).

3. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave, above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate will be required to tap or sing) as well as a melodic test which the candidate must hum, sing, or play on the violin after examiner.

4. *Reading at Sight.* The music given will not be of greater difficulty than the pieces set for the Junior Grade.

5. *Prepared Work.*

Studies:

No. 18, Thirty Special Studies, Op. 36	MAZAS
No. 10	KREUTZER
No. 15	FIORILLO

Pieces:

Concerto, No. 23, First or Last Movement	VIOTTI
Concerto in E minor	NARDINI
or Sonata in G minor	TARTINI
or any one of Six Sonatas	HANDEL

6. *Questions.* Questions will be asked as to the key, time, and meanings of signs used in the prepared work.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must be passed. (*See page 2157.*)

1. *Scales* (from memory). See footnote on page 2168.

G major, A major, B flat major, B major and their tonic minors, through 3 octaves. Minor scales to be played in both forms. All to be played detached and 3 notes to a bow.

2. *Arpeggios.* Keys same as for scales, through 3 octaves.

(a) One note to each bow.

(b) Three notes slurred to each bow.

3. *Reading at Sight.* A test consisting of music of about the same difficulty as pieces set for the Elementary Grade.

4. *Ear Tests.* To name by interval or note (as candidates prefer), with either middle C, G or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the violin after the examiner.

5. *Prepared Work.*

Studies:

No. 7 of Thirty Special Studies, Op. 36	MAZAS
Nos. 21 and 29, Op. 20	KAYSER

Pieces:

Second Concertino, Op. 14 (published by Schott)	R. ORTMANS
or Concertino, Op. 31, 1st *or* Last Movement	SITT
or Concerto No. 3, Op. 12, 1st Movement	SEITZ
or Concerto No. 4, 1st Movement	SEITZ
or Concerto in A minor	VIVALDI

6. *Questions.* Questions will be asked as to the time, keys, and the meaning of signs occurring in the pieces prepared.

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales* (from memory). See footnote. Two octaves of the following:— C major and minor, 2nd position. B flat major and minor in 2nd position. D major and minor in 3rd position and in 4th position. Minor scales to be played in both forms.

(a) One note to each bow.

(b) Two notes slurred to each bow.

2. *Arpeggios.* Two octaves in the following keys: G major and G minor, D major and D minor.

(a) One note to each bow.

(b) Three notes slurred to each bow.

N.B.—Ritter's Violin Scale Book may be used in preparation for this grade as well as those below it.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G, or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the violin after the examiner.

4. *Reading at Sight.* An easy test is given about the difficulty of the pieces in the Primary Grade.

5. *Prepared Work.*

Studies:

Nos. 9, 12, Op. 20	KAYSER
No. 42, Op. 32, Book 3	SITT

Pieces:

First *or* last movement, Sonatina No. 3 (Carl Fischer)	R. HOFMAN
or Allegro entusiastico (Carl Fischer)	PUGNANI-MOFFAT
or Fragment of a Sonata (Carl Fischer)	DANCLA
or Melody (Carl Fischer)	LULLY-SPALDING

6. *Questions.* Questions will be asked as to the various marks of expression and as to the key and the time of the prepared pieces.

ELEMENTARY GRADE

No written examination in theory need be passed by candidates before entering for this examination.

1. *Scales* (from memory). See footnote on page 2168.
G, A and B (major and minor) in two octaves, 4 notes to each bow.

2. *Arpeggios.* G major and G minor in first position only, through two octaves.

(1) One note to the bow.

(2) Three notes to the bow.
(Minor Scales in melodic form only.)

3. *Ear Test.* To name by interval or note (as candidates prefer) with middle C, G, or F as the given note, any note of the diatonic major scale, struck or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner.

4. *Reading at Sight.* A very easy piece is given.

5. *Prepared Work.*

Studies:

No. 1, Op. 20 (played with four different bowings)	KAYSER
No. 7, Op. 20	KAYSER
Concertino in first position, Op. 93 First or last movement.	HANS SITT
or Concertino, No. 5—Op. 22	SEITZ
or Concertino in B minor, Op. 35 (in first position)	RIEDING
or any two of "Four Easy Pieces" (Oxford Univ. Press)	DUNCAN-RUBBRA

6. *Questions.* Questions will be asked on notes, rests, marks of expression, time of pieces and studies, and key signature.

PRIMARY GRADE

No written examination in theory need be passed by candidates before entering for this examination.

1. *Scales* (from memory). See footnote on page 2168.

Scales in G major and minor, and A major and minor in two octaves, also D major and minor and F major in one octave, one note to each bow.

(Minor Scales in melodic form only.)

2. *Prepared Work.*

Studies:

Violin Method, Op. 6, Part 2, No. 13	SEVCIK
or Exercise No. 2, Op. 74, with different bowings	WOHLFARTH

Pieces:

Theme with Variations, Op. 57	PAPINI
or Prière, Op. 22, No. 4 (Bosworth Ed.)	RIEDING
or Mazurka	HERBERT KINGSLEY
or Marche Militaire (Published by Joseph Williams)	ADAM CARSE

or Valsette, Op. 33, No. 2	JOSEPH BLOCH
or A Bed-time Song	GORDON JACOB

3. *Questions.* Questions will be asked on the notes and rests found in the prepared pieces.

4. *Ear Tests.* With any note chosen by the examiner about the middle of the keyboard as the lower note, to distinguish between the major or minor 3rd, perfect 5th, and perfect octave from that note.

Marks

In all the Grades with the exception of the Primary, the following system of marking is adopted for Violin, Viola and Violoncello:—

Posture	5
Scales and Arpeggios	12
Technical Studies and Exercises	10
Bowing	8
Accuracy of Notes and Rests	8
Tone Production	10
Intonation, including Tuning	8
Rhythm, Phrasing, Accent, and Graduation of Tone	10
Tempo (including Tempo Rubato in higher grades, if piece demands it)	5
Questions	6
Ear Tests	10
Sight Reading	8
Total	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

In the Primary Grade, Sight Reading is not required; the marks allotted to this are distributed as follows:—

Accuracy of Notes and Rests	10 instead of 8
Rhythm, Phrasing, Accent and Gradation of Tone	14 instead of 10
Strictness of Time and Choice of Tempo	7 instead of 5

In every other respect the marking is as in above schedule.

VIOLONCELLO

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales.* Major and minor scales in all keys through three octaves (minor scales in melodic form only.) The chromatic scales of F beginning on the C string and C beginning on the G string. Two octaves, slurred and detached bowing.

2. *Arpeggios.* All major and minor, through three octaves.

3. *Ear Tests.* Candidates must be able to name either by interval or by note (as they may prefer), any diatonic or chromatic interval which may be struck by the examiner above or below the given note; to say whether the common chord is major or minor, and to recognize a chord of the dominant 7th in its root position, when it is struck (on the pianoforte). A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the 'cello after the examiner.

4. *Reading at Sight.* Candidates must be able to read a test, which will be about the same difficulty as the pieces set in the Intermediate Grade.

5. *Prepared Work.*

Study No. 7 *or* Caprice — J. L. DUPORT

and

One of the Studies of — FRANCHOMME *or* GRUTZMACHER

and

Two movements any Bach Suite

and

First movement Concerto in A minor — SAINT-SAENS

or

Sonata in G major — SAMMARTINI

6. *Questions.* Questions will be asked on the form, modulation, and marks of expression in the prepared work.

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales* (from memory). All major and minor scales compass three octaves (minor scales in melodic form only).

(a) Detached.

(b) Slurred, 2, 4, or 8 notes to a bow.

2. *Arpeggios.* All major and minor, through three octaves.

3. *Technical Studies.*

Any two Studies — DUPORT

4. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals, within the limits of an octave, above or below, any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the 'cello after the examiner.

5. *Reading at Sight.* The music given will be about the same difficulty as the pieces set for Junior Grade.

6. *Prepared Work.*

Any two of "Six Airs arranged for 'cello" (Oxford University Press) — J. BARBIROLLI

or

One movement of any Goltermann Concerto.

In addition, the following two pieces:

Sonata in G minor — ECCLES

Elegie — G. FAURÉ

7. *Questions.* Questions will be asked on the form, modulation and marks of expression in the pieces prepared.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales* (from memory). In all the major and minor keys through two octaves.

(a) Detached.

(b) Slurred, two notes to a bow, and four notes to a bow.

2. *Arpeggios.* All major arpeggios through two octaves.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with either middle C, G, or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the 'cello after the examiner.

4. *Reading at Sight.* A test consisting of music about the same difficulty as the pieces set for the Elementary Grade.

5. *Prepared Work.*

Studies:

Any two advanced studies, op. 113	DOTZAUER
Nos. 1 and 2	MERK
No. 9—Exercises	DUPORT
or Nos. 19, 20, 22, 24, 25, and 27 from Progressive Studies for the Violoncello	WHITEHOUSE

Pieces:

Sicilienne from Nina	PERGOLESE
1st movement, Concerto in A	GOLTERMAN

Also one piece to be selected by the teacher.

6. *Questions.* Questions will be asked as to the time, keys, and meaning of signs occurring in the pieces prepared by the candidates.

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales* (from memory). The major scales of E, A, D, A flat, E flat, and B flat, and the minor scales of C sharp, F sharp, B, F, C, and G, through two octaves.

2. *Arpeggios.* Same keys as for scales through two octaves.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G, or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test

is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the 'cello after the examiner.

4. *Reading at Sight.* An easy test will be given.

5. *Prepared Work.*

Studies:

Nos. 35 and 51. Studies for the Young Cellist — L. FEUILLARD
Nos. 10 and 33 from 113 Studies — DOTZAUER

Pieces:

Gavotte—Op. 5 (Augener Edition No. 7704b) — W. H. SQUIRE

Also one piece to be selected by the teacher.

6. *Questions.* Questions will be asked as to the various marks of expression and as to the key and time of the pieces prepared.

ELEMENTARY GRADE

No written examination in theory need have been passed by candidates before entering for this examination.

1. *Scales* (from memory). Major scales of C, G, D, and F; minor scales of A and D, through two octaves.

2. *Arpeggios.* Same keys as for scales, through two octaves.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G, or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner.

4. *Reading at Sight.* A very easy piece will be given.

5. *Prepared Work.*

Studies:

Nos. 11 and 17. Studies for the Young Cellist — L. FEUILLARD
No. 4 from 40 Studies, Op. 31 — LEE
or Nos. 11, 12, 16, and 18 from Progressive Studies for the Violoncello — WHITEHOUSE

Pieces:

A Jig. Cradle Song (From Five Irish Folk Tunes) — HOWARD FERGUSON

6. *Questions.* Easy questions will be asked as to the notes, rests, marks of expression and time of pieces and studies; also questions on key signatures.

VIOLA, DOUBLE BASS, HARP, AND WIND INSTRUMENTS

In each of these there are only five Grades. The requirements for each Grade can be obtained on application to the Secretary of the Examining Board.

ORGAN

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales.* All major and minor (both forms), also chromatic scales played at varying degrees of speed.

(a) Pedals only, for one and two octaves.

(b) Manuals only, hands together at 8ve, 3rd, and 6th for three octaves.

(c) One hand and pedals combined, in similar and contrary motion from the octave or unison for one and two octaves.

2. *Technical Studies in Pedal Playing.*

Part II, Section II, Nos. 20-59 inclusive	NILSON
Part II, Section III, Nos. 8-28 inclusive (Published by Schirmer)	NILSON

3. *Ear Tests.* Candidates must be able to name, either by interval or by note (as they may prefer), any diatonic or chromatic interval which may be struck by the examiner above or below the given note, to say whether the common chord is major or minor and to recognize a chord of the dominant 7th in its root position when it is struck. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* Candidates must be able to read a test which will be of about the same difficulty as the pieces set in the Intermediate Grade.

5. *Prepared Work.* One of the following groups:—

Chorale on Ein Feste Burg — BACH
(Novello Book 18)

Postlude and Trio, Nos. 2 and 3 of 6 Preludes and Postludes, 1st set Op. 101 — STANFORD
(Stainer & Bell)

Alleluia—Final — BOSSI
(Durand)

or

Choral Improvisation "Nun danket alle Gott" — KARG-ELERT
(E. B. Marks)

Toccata (only) from Dorian Toccata and Fugue — BACH
(Novello Vol. X)

Greensleeves — VAUGHAN WILLIAMS
(edited Roper—Oxford University Press)

or

Choral Prelude "Valet will ich der geben" — BACH
(Novello XIX, page 7 (D major)

Berceuse from Suite Bretonne — DUPRE
(Leduc)

Two Trumpet Tunes and Air — PURCELL
(edited Ley—Stainer and Bell)

6. *Questions.* Questions will be asked on the form and modulations, and marks of expression, in the pieces prepared; also on chapters 3, 4, 5 and 6 of A. E. Hull's book on Organ Playing (published by Augener).

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales.* All major and minor (both forms), and chromatic scales.
(a) Pedals only. C, D flat, D, E flat, E, and F for two octaves.
(b) Manuals only, hands together for three octaves in similar and contrary motion. (Harmonic minor only in contrary motion.)

2. *Technical Exercises.*

Technical Studies in Pedal Playing — NILSON

Part II, Section II, Nos. 1-9 inclusive.

Part II, Section III, Nos. 1-7 inclusive.

(Published by Schirmer)

3. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* The music given will not be of greater difficulty than the pieces set for the Junior Grade.

5. *Prepared Work.* One of the following groups:—

Presto from Concerto No. 5 in F — HANDEL
(Borreman ed. Paris)

2nd Movement 5th Sonata — MENDELSSOHN
(Any edition)

In Paradisium — DANIEL-LESUR
(Alphonse Leduc)

or

Air with variation from Concerto in D — CHARLES AVISON
(Edited Harker—Novello)

Prelude and Fugue in D minor — BACH
(Novello Vol. IX)

March from Three Pieces for Organ — NICHOLAS CHOVEAUX
(Lengnick)

6. *Questions.* Questions will be asked as to the keys through which the music passes and on marks of expression, etc., found in the pieces; also on chapters 4, 5, and 6 of A. E. Hull's book on Organ Playing. (Pub. by Augener.)

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales.* (a) All major, minor, and chromatic scales through three octaves (hands together) on manuals, in similar and contrary motion and starting on either highest or lowest note.

(b) Pedals: All major and minor and chromatic scales through one octave.

2. *Technical Studies in Pedal Playing* (Pub. Schirmer) NILSON
Part II, Section I.

3. *Ear Tests.* To name by interval or note (as candidates prefer), with either middle C, G, or F as the given note, any other note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* A test consisting of music of about the same difficulty as the pianoforte pieces set for the Elementary Grade.

5. *Prepared work.* One of the following groups:

Fugue in D minor BACH
(Novello, Vol. II)

Meditation HAROLD DARKE
(Oxford University Press

or

Prelude in D minor MENDELSSOHN
(from Three Preludes and Fugues, any edition)

Adagio from Modale Suite FLOR PEETERS
(Elkan-Vogel)

or

Allegro (only) from Prelude and Bell Allegro JOHN STANLEY
(Edited Williams—Bosworth)

Hush Song (No. 3 of Four Intermezzi) STANFORD
(Novello)

6. *Questions.* Questions will be asked as to the time, keys, and meaning of signs occurring in the pieces prepared, also on chapters 4 and 5 of A. E. Hull's book on Organ Playing (Published by Augener).

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Scales.* C, G, D, E, E flat, and F in both major and harmonic minor.

(a) Manuals only (hands separately and together) through two octaves in similar motion.

(b) Pedals only. Upper or lower octave, as required by the Examiner.

2. *Technical Studies.*

"The Organ" (Published by Novello) W. ALCOCK

Pedal Exercises.	Page 29, No. 19 to No. 25, inc. Page 32, No. 38 to No. 43, inc. Pages 49 and 50, Nos. 61 to 68, inc.
Manual Exercises	Page 37, No. 44. Page 38, No. 45. Page 44, No. 49.
Manuals and Pedals.	Page 64, No. 146. Page 65, No. 147.
Chorales.	Any chorale pages 75 to 82, to be played on the manuals alone and on manuals with pedals.

3. *Ear Tests.* To name by interval or note (as candidates prefer), with middle C, G, or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* An easy test will be given about the difficulty of the pieces in the Primary Grade. (Pianoforte.)

5. *Prepared Work.* One of the following:—

Any one Prelude and Fugue of Book I (Novello) BACH

or

Choral Prelude—"Herzlich thut mich verlangen" BACH

or

Choral Prelude—"Herr Christ, der ein'ge Gottes-Sohn" BACH
(Novello, Bk. XV)

and

Any one of A Little Organ Book
(Year Book Press)

or

Largo (only) "Largo, Allegro, Aria and 2 Variations"
MICHAEL FESTING
(Edited Thalben-Ball—Novello)

or

Either of Two Trios MAURICE GREENE
(Edited Harry Wall—Novello)

6. *Questions.* Questions will be asked on notes, rests, marks of expression and time of pieces and studies; also questions on key signatures.

Marks

The following system of marking is adopted in all grades:

Scales and Arpeggios	10
Pedal Exercises	10
Ear Tests	10
Questions	10
Sight Reading	15
Registration	15
Phrasing, legato, musicianship, rhythm	30
Total	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

SINGING

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this grade the Senior Grade of the local theoretical examination must have been passed. (*See page 2157.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to on page 2195. Candidates must be prepared to sing all these from memory, without accompaniment, in several keys varying according to the class of voice using vowel sounds only.

2. *Ear Tests.* Candidates must be able to name, by interval or note, any diatonic or chromatic interval above or below a certain given note, within the limits of an octave; also to say whether a common chord is major or minor and to distinguish a dominant 7th chord from a common chord. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the piano after the examiner.

3. *Reading at Sight.* One of the tests must be sung either to one vowel throughout, or to solfeggi and the other tests to the words.

4. *Questions.* Questions will be asked on the style, modulations, marks of expression, occurring in the pieces prepared and the candidate must also be ready to answer elementary questions on Physiology of the Voice.

The attention of candidates is drawn to the system of marking and directions printed on page 2195.

5. *Prepared Work.*

Studies:

Soprano or Tenor—Any two from No. 34 to the end.
First Series of Solfeggios. VITTORIO RICCI

Alto or Bass—any two from No. 26 to the end.
Second Series of Solfeggios VITTORIO RICCI

Medium Voices—Any two from No. 24 to the end.
Third Series of 45 Solfeggios VITTORIO RICCI

or

Any two, from 30 to the end, of 50 Lessons CONCONE

Pieces:

NOTE:—Candidates may transpose their songs to the extent of a tone lower or higher.

(a) A RECITATIVE and ARIA from any ORATORIO or OPERA. Students will find the following books useful for making suitable selections:—

HANDEL—Twelve songs from the Oratorios, published in separate books for each voice by Novello & Co.

MENDELSSOHN—Solo music from "Elijah," published in separate albums for each voice by Novello & Co.

ROYAL OPERATIC ALBUMS—Published separately for each class of voice by Boosey & Co.

SACRED SONGS—Published separately for each class of voice in the "Imperial Edition," by Boosey & Co. The numbers in this edition are as follows:—Soprano 31, Contralto 42, Tenor 44, Baritone and Bass 32, *or* any Recitative and Aria from the Oxford Series of BACH and HANDEL ARIAS (Oxford University Press).

(b) Two songs of contrasted character to be chosen from any two of the following composers : — BRAHMS, SCHUBERT, SCHUMANN, PARRY, STANFORD, SCOTT, IRELAND, SCARLATTI, RACHMANINOFF, HOLST, VAUGHAN-WILLIAMS, PETER WARLOCK, STRAUSS, JOSEPH MARX, DELIUS (One modern song should be chosen).

(c) Candidates in each class of voice must also be prepared to sing one song of their own selection and one Folk Song from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello).

(The Folk Song to be sung unaccompanied.)

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to one page 2195. Candidates must be prepared to sing from memory all those arranged for this particular Grade, without accompaniment, in several keys, using vowel sounds only.

2. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the piano after the examiner.

3. *Reading at Sight.* This test may be sung to one vowel sound throughout, or to solfeggi. A specimen is printed in the set of technical exercises.

4. *Questions.* Questions will be asked as to the keys through which the music passes and as to the marks of direction and expression found in the pieces and studies prepared.

The attention of candidates is drawn to the system of marking and directions given on page 2195.

5. *Prepared Work.*

Studies:

Soprano or Tenor—Any three from No. 16 to No. 33.
First Series of 50 Solfeggios — VITTORIO RICCI

Alto or Bass—Any three from No. 13 to No. 23.
Second Series of 40 Solfeggios — VITTORIO RICCI

Medium Voices—Any three from No. 10 to No. 23.
Third Series of 45 Solfeggios — VITTORIO RICCI

or

Any three (from No. 15 to the end) of 25 Lessons (Contralto, Baritone and Bass) — CONCONE

or

Any three (from 15 to 40) of 40 Lessons — CONCONE

or

Any three (from 20 to 50) of 50 lessons — CONCONE

or

Any three (No. 10 to end) of 42 Vocalises (Part I) — PANSERON

or

Any three (from No. 21 to the end) of 30 Vocalises (Ditson Edition) — SANDERS

Pieces:

(a) One of the easier ARIAS from either an ORATORIO or OPERA contained in the works mentioned in the Highest Grade.

(b) Two songs *of contrasted character* from the following lists:—

(*Candidates may transpose their songs to the extent of a tone lower or higher.*)

SOPRANO, MEZZO-SOPRANO, CONTRALTO

The Bells of San Marie	JOHN IRELAND
My True Love Hath My Heart	JOHN IRELAND
Lullaby	CYRIL SCOTT
The Angel	WAGNER
The Quiet Night (Nacht and Traüme)	SCHUBERT
Summer Night	ARMSTRONG GIBBS

Dream in the Twilight (Op. 29, No. 1)	STRAUSS
All Souls' Day (Op. 10, No. 8)	STRAUSS
The Heart Worships	HOLST
Devon Maid	FRANK BRIDGE
Christmas Eve at Sea	MALCOLM DAVIDSON
To the Queen of Heaven	DUNHILL
Sleep	PETER WARLOCK
The Water Mill	VAUGHAN-WILLIAMS
Silent Noon	VAUGHAN-WILLIAMS
Bluebells from the Clearings	ERNEST WALKER
Ferry Ahoy	BREWER
Roseen'du	BAINTON
A Sea Dirge	DUNHILL
It Was a Lover and His Lass	MORLEY
Immortality	CYRIL SCOTT
A collection of 50 Irish Melodies	C. V. STANFORD
Invocation (Soprano)	BRYCESON TREHARNE
Songs of Innocence	HAROLD DARKE (Stainer & Bell)

SOPRANO

Alleluia	MOZART
The Violet	MOZART
Se tu m'ami	PERGOLESI
Nina	PERGOLESI
May Night (Mainacht)	BRAHMS
My Love is Bright (Meine Liebe ist Grün)	BRAHMS
The Question (Der Neugierige)	SCHUBERT
Faith is Spring (Fruhlingsglaube)	SCHUBERT
Après un Rêve	G. FAURÉ
Now sleeps the Crimson Petal	ROGER QUILTER
The Crying of Water	CAMPBELL-TIPTON

MEZZO-SOPRANO

When I am laid in Earth	PURCELL
Care Selve	HANDEL
Oh, Sleep why dost thou leave me	HANDEL
So clear thine Eyes (Dein Blaues Auge)	BRAHMS
Margaret's Song (Gretchen am Spinnrade)	SCHUBERT
The Walnut Tree (Der Nussbaum)	SCHUMANN
The Trout (Die Forelle)	SCHUBERT
Amarille	CACCINI
On the Steppe	GRETCHANINOFF
Why (Warum)	TSCHAIKOWSKY
Dedication (Zuveignung)	STRAUSS
Silver	ARMSTRONG-GIBBS

CONTRALTO

From Grief I cannot measure (Aus meinen grossen Schmerzen)	FRANZ
Sapphische Ode	BRAHMS
Death and the Maiden (Tod und das Madchen)	SCHUBERT
Thou art repose (Du bist die Ruh)	SCHUBERT
Biblical Songs (any one)	DVORAK
Dreams	WAGNER
Where corals lie	ELGAR
Cloths of Heaven	DUNHILL
I got me Flowers	VAUGHAN-WILLIAMS

TENOR, BARITONE, BASS

Song Cycle, "The Wind Among the Reeds" (any one) (Pub. by Stainer & Bell)	DUNHILL
Silent Noon	VAUGHAN-WILLIAMS
Summer Night	ARMSTRONG GIBBS
Quiet Night (Nacht und Traüme)	SCHUBERT
Come Away, Death	T. ARNE
Verrath	BRAHMS
Christmas Eve at Sea	MALCOLM DAVIDSON
Dead, Long Dead (from the "Maud" Cycle)	A. SOMERVELL
When I Am Laid in Earth (tenor only)	PURCELL
The Water Mill	VAUGHAN-WILLIAMS
Ethiopia saluting the colours (baritones and basses only)	C. WOOD
Invictus	ARMSTRONG GIBBS
By a Bier Side	ARMSTRONG GIBBS
My Heart Now is Merry (Phoebus & Pan)	BACH
O Mistress Mine	PETER WARLOCK
Dream in the Twilight (Op. 29, No. 1)	STRAUSS
A Farewell (tenor)	BRYCESON TREHARNE
Montarrat (baritone)	BRYCESON TREHARNE
At Night (baritone)	BRYCESON TREHARNE
All Soul's Day (Op. 10, No. 8)	STRAUSS
A Shropshire Lad (any one)	A. SOMERVELL
English Lyrics, Third Set (any one)	C. H. PARRY
A Collection of 50 Irish Melodies	C. V. STANFORD
Eleanore	COLERIDGE TAYLOR
O Vision Entrancing	GORING THOMAS
I Have Twelve Oxen	JOHN IRELAND

(c) Candidates in each class of voice must also be prepared to sing one song of their own selection, not included in the above lists, and one Folk Song from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello).

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to on page 2195. Candidates must sing from memory, with or without accompaniment (at the discretion of the examiners), one or all of the exercises arranged for this Grade in the various keys most suited to the particular voice.

2. *Ear Tests.* Candidates must be able to name by interval or note (as they prefer) with either middle C, G, or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidates must hum sing or play on the piano after the examiner.

3. *Reading at Sight.* This test may be either sung to one vowel sound throughout, or to solfeggi. A specimen will be found printed in the special set of technical exercises.

4. *Questions.* Questions will be asked as to the various marks of expression and as to the time and keys occurring in the pieces and studies prepared.

The attention of candidates is drawn to the system of marking and directions given on page 2195.

5. *Prepared Work.* Studies.

Soprano or Tenor—Two from Nos. 1 to 15
First Series of 50 Solfeggios — VITTORIO RICCI
Any two from 1 to 19 of 50 Lessons — CONCONE
Alto or Bass—Two from No. 1 to No. 12.
Second Series of 40 Solfeggios — VITTORIO RICCI
Medium Voices—Two from No. 1 to No. 10.
Third Series of 45 Solfeggios — VITTORIO RICCI

or

Any two from 1 to 15 of 25 Lessons — CONCONE
Contralto, Baritone and Bass.
Any two from 1 to 9 inclusive of 42 Vocalises (Part I.) — PANSERON
Any two from 1 to 15 of 40 Lessons — CONCONE

Two songs of contrasted character, selected from one of the following lists, and also two Folk Songs from "A Selection of Collected Folk songs." C. SHARP and VAUGHAN-WILLIAMS (Novello), and one song of candidate's own choice.

Candidates may transpose their songs to the extent of a tone lower or higher.

SOPRANO

Five Miniature Ballads (any three as one)	W. Y. HURLESTONE
Where the Bee Sucks. (Pub. by Boosey)	ARNE
Bel Amie A Word of Thine. (Pub. by Schirmer) } as one	J. S. FORD
Cradle Song	GRIEG
I Heard a Piper Piping	PETER WARLOCK
Love's Philosophy	ROGER QUILTER
To Daffodils	ROGER QUILTER
A Child Asleep	ELGAR
Blackbird Song	CYRIL SCOTT
Second Song Cycle (any two of the four as one) (Published by Stainer & Bell, London)	PERRIN
A Widow-Bird Sat Mourning	BRYCESON TREHARNE
Solveig's Song	GRIEG
My Mother Bids Me	HAYDN
I love Thee (Ich liebe dich)	BEETHOVEN
Pastorale (arr. A. L.)	VERACINI
The month of May (Im wunderschonen Monat Mai)	SCHUMANN
Roses from the East (Aus den ostlichen Rosen)	SCHUMANN
Maiden's Song (Madchenlied)	BRAHMS
A legend	TSCHAIKOWSKY
When I was Seventeen	SWEDISH FOLK SONG
Yarmouth Fair	PETER WARLOCK
Sweet and Twenty	PETER WARLOCK

MEZZO-SOPRANO

My True Love Hath My Heart	PARRY
I Heard a Piper Piping	NORMAN PETERKIN
Slow, Horses, Slow	ARMSTRONG GIBBS
Ring Out, Wild Bells	C. L. BAINTON
Twelve Oxen	PETER WARLOCK
The Jocund Dance	ROGER QUILTER
Song of the Palanquin Bearers	MARTIN SHAW
As I Walked Forth and Infant Joy	HUBERT FOSS
Five Miniature Ballads (any three)	W. Y. HURLESTONE
Shepherd Love	H. CLAXTON
12 Songs, Op. 35 (any one) (Novello)	SCHUMANN

Spirit's Song	HAYDN
La Vision	SCHUMANN
What Tho' I Trace	HANDEL
Voi che Sapete (Nozze di Figaro)	MOZART
Child, What Sings the Morning	A. MALLINSON
In the time of Roses	REICHARDT
Goodnight (Gutte Nacht)	FRANZ
Woodland Journey (Wahlfahrt)	FRANZ
Maria Lullaby	REGER
A Bird's Cry	SINDING
Plaisir d'Amour	MARTINI
Blue as her Eyes	WALTER WATTS
Devon Maid	BRIDGE
The Merry Month of May	STANFORD
Sigh no more Ladies	FREDERICK KEEL

CONTRALTO

10 Canzonets (any one) (Novello)	HAYDN
Pieta Signor	STRADELLA
One Summer Night	GRIEG
Evening Song	SCHUMANN
Pull Away Home	GORDON JACOB
The King's Way	ELGAR
Evening Hymn	PURCELL
L'Heure Exquise	POLDOWSKI
Hame	WALFORD DAVIES
Morning Hymn	HENSCHEL
As I Walked Forth and Infant Joy	HUBERT FOSS
The Sea Wrack	HAMILTON HARTY
The Hero	SCHUMANN
Uphill	BRYCESON TREHARNE
Where Corals Lie	ELGAR
The Leaves and the Wind	LEONI
Nature's Praise (Die Ehre Gottes)	BEETHOVEN
She never told her Love	HAYDN
Request (Bitte)	FRANZ
Homeless (In der Fremde)	SCHUMANN
The Lotus Flower	SCHUMANN
The Bells of San Marie	IRELAND
Lilacs	RACHMANINOFF
Linden Lea	VAUGHAN-WILLIAMS

TENOR

I Attempt from Love's Sickness to Fly	PURCELL
Milkmaid Song	STANFORD

Waft Her, Angels	Handel
Sweet and Twenty	Peter Warlock
Sigh No More, Ladies	Aiken
Minnelied	Brahms
Cavatina, from "Magic Flute"	Mozart
Eleanore	Coleridge-Taylor
La Charmante Marguerite	Old French
And So I Made a Vilanelle	Cyril Scott
Over the Western Sea	Mallinson
Four Songs from the Cherry Gardens	Sterndale Bennett

BARITONE

I Attempt from Love's Sickness to Fly	Purcell
As I Walked Forth and Infant Joy	Hubert Foss
Linden Lea	Vaughan-Williams
Easter Snow	arr. by Stanford
The Red Fuchsia Tree	Roger Quilter
The Palatine's Daughter	Norman Peterkin
An Old Carol	Roger Quilter
Morning Hymn	Henschel
Yarmouth Fair	Peter Warlock
The Wanderer	Schubert
No Word from Thee	Tschaikowsky
Four by the Clock (Cavalier's Song)	Mallinson
Pipes of Pan	Elgar
O Cessate di Piagarmi	Scarlatti
Canzone (L'Addio)	Mozart
Weep Ye No More	Roger Quilter
Comme Raggio di Sol	Caldara
Mariage des Roses	César Franck
The Swan Bent Low	McDowell
Lungi dal caro bene	Secchi

BASS

Droop Not, Young Lover (Golden Treasury of Songs)	Handel
Vittoria	Carissimi
Serenade	Tschaikowsky
Sing Ho, or The Horned Owl (Pub. by Schirmer)	J. S. Ford
Easter Snow	arr. by Stanford
The Faithless Shepherdess	Roger Quilter
Wiegenlied	Brahms
Bois Epais	Lully
Through the Ivory Gate	Parry
Sands o' Dee	Clay

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2157.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to on page 2195.

Those arranged for this particular Grade must be sung from memory with or without accompaniment, at the discretion of the examiner in those keys which are most suited to the individual voice.

2. *Ear Tests.* To name by interval or note (as candidates prefer), with middle C, G, or F as the lower note, any note of the diatonic major scale struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the piano after the examiner.

3. *Reading at Sight.* A specimen will be found printed in the special set of technical exercises.

4. *Questions.* Questions will be asked as to the various marks of expression and as to the key and time of the pieces prepared.

The attention of candidates is drawn to the system of marking and directions given on page 2195.

5. *Prepared Work.* Studies. (For all voices.)

Any three from No. 13 to the end.

24 Little Solfeggios for Beginners, Appendix — VITTORIO RICCI

Pieces:

Candidates in each class of voice must, *in addition* to their selections from the following lists, be prepared to sing a song of their own selection.

Any two of a contrasted character from one of the following lists:—

Candidates may transpose their songs to the extent of a tone lower or higher.

SOPRANO, MEZZO-SOPRANO, CONTRALTO

Folk Song from Haensel and Gretel	HUMPERDINCK
Where the Bee Sucks (Key F)	ARNE
Thine Eyes Still Shine for Me	PARRY
Holly Song	HOWELLS
Tyrley Tyrlow	WARLOCK
Pastorale	arr. A. L.
Snow Flakes	MALLINSON

Cradle Song, in G flat	BRAHMS
To Music (Golden Treasury, Vol. I)	SCHUBERT
The Poet's Song	PARRY
The Little Red Lark (Key F)	IRISH
On Wings of Song	MENDELSSOHN
What If I Never Speed (from 50 Dowland Songs, Bk. II, High Voice) (Stainer & Bell)	DOWLAND
The Fiddler of Dooney	R. MILFORD
The Gipsy Girl	R. MILFORD
This Joyful Eastertide	arr. A. SOMERVELL
Oh! Bother, Sang the Thrush	LIZA LEHMANN
Slumber, Dear Maid (Largo)	HANDEL
Weep Ye No More, Sad Fountains (from 50 Dowland Songs, Low Voice, Bk. II) (Stainer & Bell)	DOWLAND
Cradle Song	BYRD
Nachklang (Tears), Op. 59, No. 4	BRAHMS
Sapphic Ode	BRAHMS
Scheiden und Meiden (Parting)	BRAHMS
Standchen (Serenade)	BRAHMS
May Song	BEETHOVEN
Lullaby	MOZART
Have You Seen but a Whyte Lillie Grow	ANON
Sunday (Sonntag)	BRAHMS
Cradle Song (Wiegenlied)	BRAHMS
Hedge-Roses (Heiden-Roslein)	SCHUBERT
The First Primrose	GRIEG
The Cuckoo	LEHMANN
The First Rose	LEHMANN
When Icicles hang by the Wall	VAUGHAN-WILLIAMS
My Love's an Arbutus	STANFORD
Come, Gentle Night	ELGAR
Eyes of Night	GRAHAM PEEL
O, Willow, Willow (Folk Song)	arr. WHITTAKER
Early one Morning	HEALEY WILLAN
Folk Songs, from "A Selection of Collected Folk Songs" (Novello)	C. SHARP and VAUGHAN-WILLIAMS

TENOR

And Shall Trelawney Die? (Oxford University Press)	GORDON SLATER
The Wind Mill	COLIN TAYLOR

When as the Rye	P. Warlock
Laughing Song	Gordon Jacob
The Talisman	Schumann
Caro mio ben	Giordani
Farewell, Dearest Gretchen	Gade
Vieille Chanson (In the Woods) (Key F)	Bizet
Serenade	Schubert
A Last Year's Rose	R. Quilter
My Lovely Celia—Old English air	arr. by Lane Wilson
Tell Me, My Heart (E flat)	Bishop
Folk Songs, from "A Selection of Collected Folk Songs" (Novello)	C. Sharp and Vaughan-Williams

BARITONE

The Self-Banished	Blow
Fairest Isle (Golden Treasury)	Purcell
Song of the Imprisoned Huntsman	Schubert
Slumber, Dear Maid (Largo)	Handel
The Ploughboy (Oxford University Press)	Wm. Shield
O, Sweet Flower	Cooper
Published together (Oxford Choral Songs)	
or	
There is a Lady	Ford
The Jolly Carter (Oxford Press)	arr. by E. J. Moeran
Love Me or Not	Secchi
In Summer Time on Bredon	Graham Peel
A Lower's Garland	C. H. Parry
Souvenir	César Franck
Folk Songs, from "A Selection of Collected Folk Songs" (Novello)	C. Sharp and Vaughan-Williams

BASS

The Sandman	Brahms
When Two That Love are Parted	Secchi
For the Mountains Shall Depart (from Elijah)	Mendelssohn
An Old English Love Song	Lane Wilson
The Fisher Maiden (Key F)	Schubert
Sun of the Sleepless	Schumann
Folk Songs, from "A Selection of Collected Folk Songs" (Novello)	C. Sharp and Vaughan-Williams

ELEMENTARY GRADE

No written examination in theory need have been passed by candidates before entering for this examination.

1. *Technical Studies.* See special set of technical exercises, scales and arpeggios referred to on page 2195.

Candidates must be able to sing with or without accompaniment (at the discretion of the examiner) in the various keys suited to the individual voice, all those exercises arranged for this particular Grade.

2. *Ear Tests.* With any note chosen by the examiner about the middle of the keyboard as the lower note, to distinguish between the major or minor 3rd, perfect 5th and perfect octave from that note.

3. *Reading at Sight.* See specimen on the same page as technical exercises.

4. *Prepared Work.* Studies.

SOPRANO AND MEZZO-SOPRANO

Any three from No. 1 to No. 12.
24 Little Solfeggios from Beginner's Appendix — VITTORIO RICCI

Pieces (which may be transposed to the extent of a tone higher or lower).

A. Any two of the following:—

Songs for the Young. (Augener Edition No. 8931).	
Popular Nursery Songs, arranged by (Augener Edition No. 8886)	BRAHMS
Six Children's Songs, Op. 59 (Published by Breitkopf & Haertel)	ARENSKY
Six Little Songs (Augener Edution No. 8952)	WECKERLIN
Seven Children's Songs (Augener Edition No. 8833)	GRIEG
It was a Lover and his Lass	MORLEY
The Sandman	BRAHMS
Six Songs (Joseph Williams)	W. H. HADOW
Who is Sylvia	SCHUBERT
Elizabethan Love Songs (Boosey & Co.) arranged	F. KEEL

B. Any one of the following Folk Songs, from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello); "The Fox," "The Holly and the Ivy," "As I Walked Through the Meadows," "Dashing Away With the Smoothing Iron," "I Will Give My Love an Apple," "I'm Seventeen Come Sunday," "William Taylor."

5. *Questions.* Questions will be asked on notes, rests, marks of expression and time of pieces and studies, also on key signatures, etc.

The attention of candidates is drawn to the system of marking and directions given below.

Marks

The following system of markings will be adopted:—

	Elementary and Junior Grades	Intermediate, Senior, and Highest Grades
Posture and Facial Expression	8	8
Intonation	8	10
Accuracy as to Notes and Rests	10	..
Breath Control, Production of Voice	10	12
Blending of Registers	6	6
Attack	8	8
Diction	8	10
Expression, Phrasing, etc	8	10
Reading at Sight	10	8
Ear Tests	8	10
Scales and Arpeggios	10	10
Questions	6	8
Total	100	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

DIRECTIONS TO CANDIDATES

1. Candidates must bring an accompanist, who, however, must retire from the examination room directly the prepared pieces which need accompaniment have been rendered.

2. A complete set of the technical exercises, scales and arpeggios required for all the five grades can be obtained at a cost of 25¢, post free, from the Secretary at the McGill University Conservatorium of Music, Montreal.

3. Candidates should be provided with two copies of each of the studies and pieces.

4. In all grades, songs can be sung by candidates *with either the original words or a translation.*

GENERAL SCHOOL EXAMINATION IN INSTRUMENTAL OR VOCAL INSTRUCTION

On application to the Secretary, McGill University Conservatorium of Music, Montreal, a general school examination can be arranged for any time during the year. The expense must, of course, vary according to the length of the railway journey the Examiner has to take. Due notice should, therefore, be given to the Secretary, so that he may be able to arrange the visit of the Examiner at a time when he is somewhere in the district, when the fee will be $20.00 for the first hour and $10.00 for each succeeding hour. Not less than one hour can be arranged for. It is understood that no individual reports will be sent in on the work submitted but only a general report made on each branch of music. (Class singing, referred to hereafter, may be taken as one branch of this examination.)

INSTRUMENTAL ENSEMBLE EXAMINATION

Classes of strings or wind *or* strings *and* wind combined may be entered.

Examinations are also held in:

PIANOFORTE CLASS WORK and CLASS SINGING EXAMINATION

This examination is not necessarily confined to an examination at a school. Any teacher may enter a class for examination. A short general report will be rendered to the person who enters the class for examination, and the details of the report will be given on the following lines:—

Accuracy as to Notes, Rests, etc.
Maintenance of Pitch.
Balancing of Parts and Groupings of Voices.
Articulation and Pronunciation.
Quality of Tone.
Expression and Conception of the works performed.
Sight Singing.
*Performance of Vocal Exercises.

REQUIREMENTS

1. The class must sing the vocal exercises prescribed, each group of the voices singing them separately in the keys best suited to the voices.*

*These exercises can be obtained on separate sheets from the Secretary, McGill University Conservatorium of Music, price 25¢ per dozen, post free, on receipt of remittance.

2. At least two short compositions of different character and not in unison must have been previously prepared.

3. Sight Singing from the staff notation.

Three short tests of varying difficulty will be given.

REGULATIONS FOR THE DEGREE OF DOCTOR OF MUSIC

Bachelors of Music of McGill University, after the lapse of a period of seven years from the time of taking the degree of Bachelor of Music, may proceed to the Degree of Doctor of Music (Mus.D.). Candidates must present:

1. A composition scored for full orchestra in the form of a symphony, symphonic poem, or tone poem occupying not less than thirty minutes in performance;

or

2. A composition such as an opera (not light opera), oratorio, or cantata. In the event of a work under section 2 being offered, the first number must be an introductory orchestral movement in the form of a concert overture; the work must contain some eight part vocal writing and fugal treatment and must be scored for a full orchestra.

The Candidate must submit with the exercise a Declaration, signed by himself, that the work is his own unaided composition. The University may, if it elects to do so, order the candidate to give a public performance of this original and unaided composition, when approved by the examiners, in some public building connected with the University. In addition, an examination in the higher forms of composition is necessary, together with a critical knowledge of the full scores of certain prescribed works.

Graduates in music of other Universities can, on payment of the necessary fees, be admitted "ad eundem" to the degree of Mus.B., if they wish to proceed to the further degree of Mus.D., provided they secure permission to do so from the Dean of the Faculty of Graduate Studies and Research. The period of seven years referred to above will be counted from the date on which they received the degree of Bachelor of Music from their own University.

EXAMINATION REQUIREMENTS FOR DEGREE OF DOCTOR OF MUSIC

Harmony up to eight parts.
Counterpoint up to eight parts (strict and free).
Instrumentation.
Fugue up to five parts.
History of Music.
Form and Analysis.

(Last based on knowledge of Beethoven's nine symphonies, Brahms' first and fourth symphonies, Strauss' Till Eulenspiegel, Op. 28, either Bach's Mass in B minor or Beethoven's Mass in D Op. 123, and Mozart's Magic Flute, or Beethoven's Fidelio, Walton's Viola Concerto, Sibelius' Pohjola's daughter, and Brahms' Academic Overture (Op. 81.)

McGill University

Montreal

Faculty of Divinity

Divinity Hall

1953-1954

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

McGill University

FACULTY OF DIVINITY

ADMINISTRATIVE OFFICERS

THE UNIVERSITY—

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

S. H. Dobell, D.S.O. — *Comptroller*

William Bentley, C.G.A., F.C.I.S., R.I.A. — *Bursar*

T. H. Matthews, M.A., LL.D. — *Registrar*

Richard Pennington, B.A., Lib.Dip. — *University Librarian*

G. A. Grimson, B.Com. — *Chief Accountant*

FACULTY OF DIVINITY—

J. S. Thomson, M.A., D.D., LL.D., F.R.S.C. — *Dean of the Faculty*

R. B. Y. Scott, B.D., M.A., Ph.D., D.D. — *Secretary of the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Divinity, is printed as a separate Announcement, which may be obtained from the Registrar's Office.

The Faculty of Divinity and its theological library and reading room, chapel, classrooms, auditorium, and common rooms are in Divinity Hall, 3520 University Street.

A daily service is held in the Chapel during the session open to all members of the University at times to be intimated on notice-boards.

CALENDAR FOR THE SESSION 1953-54

1953

September 21th, Monday.....Supplemental examinations begin.
September 28th, Monday and September 29th, Tuesday.....Registration.
September 30th, Wednesday.....Lectures begin.
October 6th, Tuesday.....Founders' Day. Convocation.
December 22nd, Tuesday.....Last day of lectures in all Faculties and Schools.

1954

January 4th, Monday.....Examinations begin.
January 11th, Monday.....Second term.
February 19th, Friday to February 20th, Saturday.....Mid-term holidays.
April 15th, Thursday.....Lectures end.
April 16th, Friday to April 19th, Monday (inclusive).....Easter vacation.
April 20th, Tuesday.....Examinations begin.
May 26th, Wednesday.....Convocation.

TEACHING STAFF OF THE FACULTY OF DIVINITY

JAMES SUTHERLAND THOMSON, M.A. (Glasgow), D.D. (Glasgow, Emmanuel, Toronto), LL.D. (Washington, Queen's, Toronto, McGill, McMaster, Manitoba, Alberta, Saskatchewan), F.R.S.C. *Dean of the Faculty and J. W. McConnell Professor of the Philosophy and Psychology of Religion*

GEORGE BRADFORD CAIRD, B.A. (Cantab.), M.A., D.Phil. (Oxon.) *Professor of New Testament Language and Literature*

ROBERT BALGARNIE YOUNG SCOTT, B.D. (Knox), M.A., Ph.D. (Tor.), D.D. (Vic.) *Professor of Old Testament Language and Literature*

ROBERT HENRY LAWSON SLATER, M.A. (Cantab.), Ph.D. (Columbia) *Professor of Systematic Theology*

WILFRED CANTWELL SMITH, B.A. (Tor.), M.A., Ph.D. (Princeton) *W. M. Birks Professor of Comparative Religion*

HENRY HORACE WALSH, B.D. (General Synod), M.A. (King's), S.T.M. (General Theological Seminary), Ph.D. (Columbia) *Associate Professor of Church History*

R. KENNETH NAYLOR, L.Th. (Montreal Diocesan Coll.), B.A. *Lecturer in Christian Ethics*

THE FACULTY OF DIVINITY

GENERAL

In February, 1948, the Senate of McGill University decided to establish a Faculty of Divinity. Following negotiations with the Montreal Diocesan Theological College, the United Theological College, Montreal, and the Joint Board of Theological Colleges affiliated to McGill University, the Faculty was duly constituted on September 1st, 1948.

The Faculty of Divinity offers a three-year course leading to the degree of Bachelor of Divinity (B.D.) general or with honours. The basic entrance requirement is a Bachelor's degree from a recognized university, and there are also prerequisites in certain subjects, as noted in the following pages. In co-operation with the Faculty of Graduate Studies and Research, the degree of Master of Theology (S.T.M.) is offered. Particulars will be found on page 2316.

The B.D. course provides instruction in the Biblical, Historical, and Theological subjects common to the curricula of theological colleges of the principal churches of Canada, other than the Roman Catholic. Additional training in Practical and Pastoral Theology and in subjects in which a distinctive form of training is required by a particular Communion, will be provided by the participating theological colleges. The Montreal Diocesan Theological College of the Church of England in Canada and the United Theological College of the United Church of Canada also grant their own diplomas on completion of the course for ordination. Students who belong to other Communions should consult their own ecclesiastical authorities before applying to one or other of these colleges for training in the subjects which are required of ordination candidates, but which do not form part of the B.D. course in the Faculty of Divinity.

Any qualified student may apply for admission to the B.D. course.

The Faculty also provides instruction, as indicated above, for all ordination candidates who are enrolled in the participating colleges, but who, through lack of qualification in pre-requisite studies, are not eligible to receive the B.D. degree. They will be admitted as Partial Students (see page 2307).

REQUIREMENTS FOR ADMISSION

A Bachelor's degree from a recognized university, preferably the B.A., is the basic prerequisite.

It is also normally required that the following courses shall have been completed in the Faculty of Arts and Science of McGill University, or their equivalent in another recognized university:

Courses are designated as in the Announcement of the Faculty of Arts and Science.

Latin:	Senior Matriculation Latin, or Latin 1 or 1A.
Greek:	Junior Matriculation Greek, or Greek 1S, followed by one additional course which may be carried concurrently with the first year of the B.D. course.
Philosophy:	Philosophy 2 and one additional course.
History:	One course in Ancient History, and one course in European History.
English:	English 100, and one additional course.
Natural Sciences:	One course.
Social Sciences:	A course in one of the following: Economics Political Science Sociology Social Anthropology Psychology

Applicants who have not completed all the above subject requirements, or who are in doubt as to the equivalent recognition of courses taken elsewhere than at McGill, should consult the Dean. It may be necessary for them to take certain qualifying courses for admission to the B.D. course. The Dean may exercise his discretion in the case of students of demonstrated ability whose course for their Bachelor's degree has not followed the normal pattern outlined above.

Students who intend to enter the Faculty of Divinity after completing an Arts course are strongly advised to include the above subjects. They should also consult with the Dean of the Faculty of Divinity, who will advise them concerning the most suitable course of studies.

ADVANCED STANDING

Admission to advanced standing in the B.D. course may be granted to suitable applicants from recognized institutions, but in no case will the B.D. degree be granted after less than two years' intramural study in the Faculty of Divinity.

APPLICATION AND REGISTRATION

Intending students of the Faculty of Divinity must submit to the Dean an application with supporting documents by September 15th, 1953. Requests for the necessary application forms should be sent to the Dean's Secretary, Divinity Hall, 3520 University St., Montreal 2.

Registration will take place at the Office of the Dean on September 28th and 29th, 1953. After September 30th students registering will be required to pay a special fee for late registration unless exempted by the Dean for sufficient reasons.

CLASSES OF STUDENT

(i) **Regular** Students who are admitted to the B.D. course and who are taking the full number of lecture courses of the year in which they are enrolled.

(ii) **Limited** Students who are admitted to the B.D. course, but who are unable to carry the full work of the B.D. curriculum concurrently with the courses in Practical Theology provided by the colleges for candidates for ordination, or who, not being ordination candidates, have good reason to ask for extension. Such students may, with the Dean's permission, extend their course for the B.D. degree beyond the normal period of three years.

(iii) **Partial** Students who are not registered as proceeding to the B.D. degree, but who can satisfy the Dean and Faculty of their ability to do the work of the courses to which they seek admission. Ordination candidates registered in one of the participating colleges, and who are not eligible for entrance to the B.D. course, will be advised by the Principal of the College as to the courses of the B.D. curriculum to which they should seek admission as Partial students.

(iv) **Graduate** Students enrolled in the Faculty of Graduate Studies and Research who are candidates for the degree of S.T.M.

FEES

(1) Regular, Limited, and Partial students in the Faculty of Divinity who are candidates for ordination registered in one of the participating theological colleges, will be exempted from payment of tuition fees, in view of the contribution of the colleges to the support of the Faculty. Such students will, however, be required to pay the annual Health Service fee, $7.00 (if in residence, $10.00), Athletics fee, $15.00, and the Students' Society fee, $15.00.

(2) The University fee for all other full-time students will be $250.00 a session, and for Limited students, $72.00 per course. This fee includes all charges for tuition, health service, registration, libraries, sports, games, and graduation. The only additional fee is the compulsory Students' Society fee of $15.00 per session.

(3) Partial students, not candidates for ordination, who are taking one or two courses, will pay $72.00 for each full course, $5.00 Grounds fee, and $5.00 to the Students' Society ($3.50 for the use of the McGill Union, and $1.50 for the McGill Daily). If taking three or more courses, such students will pay the Health Service fee of $7.00 (if in residence, $10.00), and the full Students' Society fee of $15.00.

(4) Partial students who are candidates for ordination registered in one of the participating theological colleges, will be exempted from payment of tuition fees, but will pay the Health Service fee, $7.00 (if in residence, $10.00), the Grounds fee, $5.00, and the Students' Society fee, $15.00.

(5) Fees for Graduate students are shown in the Announcement of the Faculty of Graduate Studies and Research. Particulars may be had on application.

For further information about the payment of fees, consult the General Information Pamphlet included with this Announcement.

EXAMINATIONS

Mid-sessional examinations are held in January in half-courses completed in the first term, and interim tests in full courses may be held at the same time. Final sessional examinations are held late in April.

The pass mark in all examinations is 50%. First class standing is 80% and over, second class standing 65% to 79%, and third class standing 50% to 64%.

FAILURES AND SUPPLEMENTAL EXAMINATIONS

A student who has failed in a mid-sessional or sessional examination may apply for permission to write a supplemental examination in the following September. A student who has failed in more than two full courses must withdraw from the Faculty or, with the Dean's permission, repeat his year.

CONDITIONED STANDING

A student who lacks not more than one full course of the entrance requirements to any year of the B.D. course, may be admitted by the Faculty with conditioned standing. He is not permitted to carry this condition for more than one session.

CURRICULUM FOR THE GENERAL B.D. DEGREE (1953-1954)

Note: *First and Second years* take *Psychology of Religion* together in alternate years; *Second and Third years* take the following classes together in alternate years, viz. *Old Testament*, *New Testament*, *Systematic Theology*, and *Philosophy of Religion 2A*. For details of courses see page 2312.

FIRST YEAR

Church History.....3 hours, session
Old Testament.....3 hours, session
New Testament.....3 hours, session
Philosophy of Religion.....3 hours, first term
Systematic Theology.....3 hours, session
Psychology of Religion.....3 hours, second term

Total lecture periods: 15 hours per week, first term
15 hours per week, second term

SECOND YEAR

Old Testament.....3 hours, first term
New Testament.....3 hours, session
Church History.....3 hours, session
Systematic Theology.....3 hours, session
Psychology of Religion.....3 hours, second term

Total lecture periods: 12 hours per week, first term
12 hours per week, second term

(Note: Comparative Religion will not be given to the Second year in 1953-54.)

THIRD YEAR

Old Testament.....3 hours, first term
New Testament.....3 hours, session
Systematic Theology.....3 hours, second term
Christian Ethics.....3 hours, first term
Philosophy of Religion.....2 hours, second term
Church History.....1 hour, second term

Total lecture periods: 12 hours per week, first term
9 hours per week, second term, with additional tutorials

The presentation of an acceptable thesis embodying the results of specialized study is a requirement for the B.D. degree. (See Regulations, page 2315.)

DEGREE OF B.D. WITH HONOURS

The degree of Bachelor of Divinity *with honours* will be conferred on candidates who fulfil the requirements.

The purpose of the *honours* award is to recognize the outstanding attainments of qualified candidates who complete specially prescribed courses of study and pass the necessary examinations *on a high standard.* The special courses are designed to provide an opportunity for able and promising students to become well trained on the basis of particular interest and capacity in one of the theological disciplines.

Candidates for the degree with honours are usually also students in preparation for ordination to the Holy Ministry; consequently, in the curriculum prescribed for the award of honours, there is no modification of the broad general training in all the theological disciplines, which is necessary for the future vocation of such candidates, and which is prescribed by ecclesiastical regulations. The Honours course attempts to combine the interests of special scholarship with those of general theological education. The standard of attainment must be high alike in the general curriculum and in the *honours* subject.

REGULATIONS FOR THE B.D. WITH HONOURS

(1) Honours may be awarded in any one of the following six departments of study—Old Testament, New Testament, Church History, Systematic Theology, Philosophy of Religion, Comparative Religion.

(2) A candidate must apply for admission to an honours course in one of the six departments of study, which will then be designated as his *major* subject. He will also be required to undertake special studies in one other related department, which will be designated as his *minor* subject.

He must undertake advanced studies in his *major* subject during the Second and Third years of his course, and in his *minor* subject during the Second or Third year (normally the latter).

At the close of the Third year, the candidate must submit the thesis required of all candidates for the B.D. degree, but it must be connected with his major subject and must be of a more substantial character than for the ordinary degree. (See Regulations for B.D. thesis, page 2315.)

(3) A candidate should apply for admission to an honours course normally at the completion of the First year of his studies for the B.D. degree. To be qualified, he must have obtained during his First year:

(a) A high general average attainment in all subjects (Not less than 70%).

(b) *First Class* standing in his major subject.

A candidate for honours in Old Testament must have taken a full course in Hebrew during his First year or previously, and have attained at least second-class standing in that language. A prospective candidate for honours in Old Testament who has completed the requirement in Hebrew before entering his First year will be given a tutorial course (including Hebrew) in lieu of Hebrew I.

Admission to an honours course will be granted by the Faculty on the recommendation of the professor whose department of study is selected as the major subject.

(4) A candidate must continue to maintain the qualifying standard of achievement (see previous regulation) during his Second and Third years. If he fails to do so, special adjustments may be made to permit him to complete requirements for the general degree, provided that in the opinion of the Faculty his attainments are satisfactory.

(5) The advanced courses of study in the major and minor subjects will be prescribed and directed by the professors concerned and may consist of work additional to the studies required by candidates for the general degree or of special work of an advanced character substituted for the general course.

A candidate must also attend lectures and pass the prescribed examinations in all the subjects (other than his major and minor subjects) which are required for the general B.D. degree, except as follows:

(a) Reading courses in each of two half-courses (normally of the Third year) in the general curriculum may be substituted for attendance at the lectures, these courses to be followed by a qualifying paper, which may consist of an essay or an examination, at the discretion of the professor concerned. Such qualifying papers may be written at any time during the honours course.

(b) When the candidate has selected Church History or Comparative Religion as his major subject, or when the combination of major and minor subjects creates a specially heavy assignment of prescribed studies, he may apply to be exempted from one half-course of the general curriculum (usually in the third year), but, in no case can this exemption be granted from courses in the New Testament or in Systematic Theology.

(6) The award of Honours will be made by the Faculty on the recommendation of the Dean and the professor of his major subject, who will base their judgment on the candidate's whole record during his entire course of study in the Faculty of Divinity.

DESCRIPTION OF COURSES

OLD TESTAMENT

Professor R. B. Y. Scott

OLD TESTAMENT 1a—AN INTRODUCTION TO OLD TESTAMENT STUDIES

The nature, origins, and transmission of the Old Testament literature; the English versions; geographical and historical background; Hebrew social and religious origins; composition of the Pentateuch; the early chapters of Genesis.

First year .....3 hours, first term

OLD TESTAMENT 1b—OLD TESTAMENT PROPHECY

The rise of prophecy and development of the Prophetic Literature; the emergence of Apocalyptic writings.

First year.....3 hours, second term

OLD TESTAMENT 2a—POETIC AND WISDOM LITERATURE

The nature of Hebrew poetry; study of the Books of Psalms, Job, Proverbs, and Ecclesiastes.

Second or Third year (*alternately*).....3 hours, first term

OLD TESTAMENT 3a—OLD TESTAMENT RELIGION AND THEOLOGY

The historical development of Hebrew religion and the significance of its institutions and theological terms.

Second or Third year (*alternately*).....3 hours, first term

HEBREW 1—INTRODUCTORY HEBREW GRAMMAR AND COMPOSITION

Reading of selections from Genesis.

Any year .....3 hours, session

HEBREW 2—GRAMMAR AND SYNTAX

Reading of Ruth and Amos.

Any year .....3 hours, session

NEW TESTAMENT

Professor G. B. Caird

NEW TESTAMENT 1—INTRODUCTION TO NEW TESTAMENT STUDIES

The political and religious background; the canon, text, and versions of the New Testament; the Synoptic Problem; text of the Synoptic Gospels and the Acts of the Apostles.

First year.....3 hours, session

NEW TESTAMENT 2b—THE LIFE AND TEACHING OF ST. PAUL

Introduction to the Pauline Epistles, with exegesis of selected portions in Greek; introduction to the Pastoral Epistles.

Second or Third year (*alternately*).....3 hours, second term

NEW TESTAMENT 3—THE EPISTLE TO THE HEBREWS; THE GENERAL EPISTLES, AND THE JOHANNINE LITERATURE

Introduction, with exegesis of selected portions in Greek.

Second or Third year (*alternately*).....3 hours, session

CHURCH HISTORY

Associate Professor H. H. WALSH

CHURCH HISTORY 1a—THE FIRST FIVE CENTURIES

The world in which the Church was founded, and the Christian development.

First year.....3 hours, first term

CHURCH HISTORY 1b—THE CHURCH IN THE MIDDLE AGES

From the Teutonic invasions to the Reforming Councils.

First year.....3 hours, second term

CHURCH HISTORY 2a—THE REFORMATION AND THE COUNTER-REFORMATION TO THE 18TH CENTURY

A brief survey of the Eastern Churches and of missionary activity during this era will be included.

Second year.....3 hours, first term

CHURCH HISTORY 2b—HISTORY OF THE MODERN CHURCH

European Christianity from the 18th Century; the world-wide expansion of Christianity with special reference to the Ecumenical Movement.

Second year.....3 hours, second term

CHURCH HISTORY 3b—CANADIAN CHURCH HISTORY

A study of the origin and development of the various branches of the Christian Church in the Canadian setting.

Third year.....1 hour, second term

SYSTEMATIC THEOLOGY

Professor R. H. L. SLATER

SYSTEMATIC THEOLOGY 1a—HISTORICAL INTRODUCTION TO CHRISTIAN THEOLOGY

Illustrating the development of Christian thought by reference to selected works of the great theologians of the past.

First year.....3 hours, first term

SYSTEMATIC THEOLOGY 1b—THE STRUCTURE OF CHRISTIAN THEOLOGY

The Doctrine of Man and the World; the Doctrine of God—Creation and Providence.

First year.....3 hours, second term

SYSTEMATIC THEOLOGY 2a—THE STRUCTURE OF CHRISTIAN THEOLOGY (continued)

The Doctrine of Redemption—the Person and Work of Jesus Christ.

Second or Third year (alternately).....3 hours, first term

SYSTEMATIC THEOLOGY 2b—THE STRUCTURE OF CHRISTIAN THEOLOGY (continued)

The Doctrine of Sanctification—the Holy Spirit, Grace, Eternal Life.

Second or Third year (*alternately*).....3 hours, second term

SYSTEMATIC THEOLOGY 3b—THE STRUCTURE OF CHRISTIAN THEOLOGY (continued)

The Holy Trinity: The Church, the Ministry, and the Sacraments.

Second or Third year (*alternately*).....3 hours, second term

PHILOSOPHY AND PSYCHOLOGY OF RELIGION

Professor J. S. THOMSON

PHILOSOPHY OF RELIGION 1a—INTRODUCTION TO THE PHILOSOPHY OF RELIGION

An introductory study of the nature of religious belief with an examination of its validity. Religious faith considered as the basis for a philosophy of life and an interpretation of the world, including moral and other values.

First year.....3 hours, first term

PHILOSOPHY OF RELIGION 2b—A STUDY OF THE PROBLEMS OF RELIGIOUS FAITH

The problems of pain and evil. An examination of the relation of religious beliefs to science, secularism, and materialism.

Second or Third year (*alternately*).....3 hours, first term

PHILOSOPHY OF RELIGION 3b—RELIGIOUS FAITH IN THE CONTEMPORARY WORLD

An examination of religion in relation to movements in the current moral and intellectual environment.

Third year.....2 hours, second term

PSYCHOLOGY OF RELIGION 1b OR 2b—INTRODUCTION TO THE PSYCHOLOGY OF RELIGION

A psychological analysis of the various forms of religious experience, including emotion, belief, and conduct. The place of religion in human life, related to the general outline of our nature and abilities as portrayed by psychological study. The nature of religious education, conversion, prayer, worship, and persuasion. A study of mysticism. The place of religion in the psychiatric treatment of mental and moral illness.

First or Second year (*alternately*).....3 hours, second term

COMPARATIVE RELIGION

Professor W. C. SMITH

COMPARATIVE RELIGION 2a—RELIGION IN THE ORIENT

A prefatory general survey of the field. After reference to the religion of pre-historic man and of modern non-literate societies, synoptic introductions to the great religions of the Orient, ancient and modern.

Second year.....3 hours, first term

COMPARATIVE RELIGION 2b—RELIGION IN THE ORIENT (continued)

A fuller study of one of the Oriental religions: its teachings, institutions, and cultural achievements, so as to understand both the historical development, and what the religion means to its adherents to-day.

Second year.....3 hours, second term

Honours courses will be offered in Comparative Religion proper, philosophic and systematic. Further, instruction can be arranged in the basic languages of Islam (Arabic, Persian, Urdu) and, at an elementary level, of Hinduism (Hindi and, in the Faculty of Graduate Studies, Department of Classics, Sanskrit).

CHRISTIAN ETHICS

Lecturer R. K. NAYLOR

CHRISTIAN ETHICS 3a—AN INTRODUCTORY STUDY

Christian ethical principles and their application to present day problems.

Third year.....3 hours, first term

REGULATIONS FOR THE SUBMISSION OF THE B.D. THESIS

(1) The presentation of an acceptable thesis is a requirement for the award of the degree.

(2) Preparation of the thesis is to be regarded as an integral part of the course of studies required for the degree, whereby the candidate is given an opportunity to devote himself with personal originality and initiative to the study of some particular subject and thus to attest his worth and capacity as a responsible scholar. The thesis must be the candidate's own original work, and should display a real grasp of the selected subject, with an ability to organize the necessary material and to present it in an effective manner.

(3) The thesis shall deal with some special aspect of theological study, and its subject should be chosen in consultation with the professor who is responsible for the department of study within which the proposed subject falls. When the subject is related to two departments, both professors should be consulted. Thereafter the subject must be approved by the Faculty.

Normally the subject of the thesis should be chosen at the end of the Second year of the course. Thereafter, the candidate should confer from time to time, as directed, on the progress of the work, with the professor or professors concerned, but it should be understood that the thesis cannot be approved as acceptable either in its parts or as a whole until the complete thesis is finally presented to the Faculty.

(4) Normally, a thesis presented for the general degree should contain from 10,000 to 15,000 words. A thesis for the degree with honours should be of a more substantial character in matter and length, and should contain from 15,000 to 20,000 words. An analytical table of contents and a bibliography should be displayed. Authorities and references should be precisely cited in foot-notes. Excessive quotation should be avoided. It is essential that literary form and style should be of a worthy standard.

(5) The thesis must be written during the candidate's final year of attendance, and must be submitted not later than March 31st, of the year in which the final examinations are written.

If the thesis is rejected as unsatisfactory, the candidate may apply before June 30th, of the same year for permission to re-submit it, and, if such permission is granted by the Faculty, a date for re-submission will be prescribed.

GRADUATE STUDIES

The Faculty of Graduate Studies and Research directs and controls all courses leading to higher degrees and recommends candidates for these degrees. This arrangement includes graduate studies and research in Divinity.

The Faculty offers courses leading to the degree of Master of Theology (S.T.M.). Candidates must be graduates in Arts and must also hold the degree of B.D. or its equivalent. They must be in full-time residence at McGill University for at least one full academic session or two half-sessions, during which time they will perform the work and pass required examinations on an appropriate standard in assigned courses. A candidate must present a thesis on some topic connected with his major subject.

Full regulations and other information will be found in the Announcement of the Faculty of Graduate Studies and Research, which may be obtained on application to the Office of the Dean.

The following graduate courses are offered, but it should be understood they are not all available in any given academic session. As far as possible, students will be assigned to courses in the Faculty of Divinity or other Faculties that meet their particular needs

60.	ANTE-NICENE THEOLOGY (Seminar)	*Professors Slater and J. S. Thomson*
61.	THE DOCTRINE OF THE TRINITY	*Professor Slater*
62.	HISTORY OF THE DOCTRINE OF ATONEMENT	*Professor J. S. Thomson*
63.	THE PHILOSOPHY OF PLOTINUS—INTRODUCTION TO THE PHILOSOPHY OF MYSTICISM	*Professor J. S. Thomson*
64.	CHRISTIAN EXISTENTIALISM	*Professor J. S. Thomson*
70.	THE TEACHING OF JESUS	*Professor Caird*
71.	THE CHRISTOLOGY OF THE NEW TESTAMENT	*Professor Caird*
72.	THE APOSTOLIC AGE	*Professor Caird*
80.	THE DEAD SEA SCROLLS	*Professor Scott*
81.	ISAIAH, I - XXXIX	*Professor Scott*
82.	ECCLESIASTES	*Professor Scott*
90.	INTRODUCTION TO CANADIAN CHURCH HISTORY	*Professor Walsh*
91.	PROBLEMS OF CHURCH AND STATE	*Professor Walsh*
101.	HISTORICAL DEVELOPMENT OF ISLAMIC THEOLOGY	*Professor Smith*
102.	ISLAM IN THE MODERN WORLD	*Professor Smith*
103.	SEMINAR IN COMPARATIVE RELIGION	*Professor Smith*
104.	THE SIGNIFICANCE OF "NIRVANA"	*Professor Slater*
105.	CHRISTIANITY AND BUDDHISM	*Professor Slater*

BURSARIES, SCHOLARSHIPS, AND PRIZES

1. AWARDED BY THE FACULTY OF DIVINITY

W. M. Birks Scholarships—Three W. M. Birks scholarships are awarded by the Faculty of Divinity, viz:

Entrance Scholarship—$250, to be awarded to the most outstanding and promising student entering the First year of the B.D. course. Applications must be made by 15th June, 1953, to the Dean.

Two Scholarships, each of $100, to be awarded to the most outstanding students at the end of the First and Second years of the B.D. course respectively. They will be tenable during the Second and Third years of attendance.

N.B. In addition to the above amounts, students of participating Churches receive free tuition.

W. M. Birks Fellowship—$750, to be awarded to the most outstanding student who applies for the S.T.M. course. Applications must be made by 1st June, 1953, to the Dean.

2. AWARDED BY THE THEOLOGICAL COLLEGE

Particulars concerning Bursaries, Scholarships, and Prizes open to students registered in the participating theological colleges are set out in the calendars of these institutions, which may be had on application to the respective Principals (see below).

PARTICIPATING THEOLOGICAL COLLEGES

ADDITIONAL COURSES FOR ORDINANDS

The Montreal Diocesan Theological College of the Church of England in Canada and the United Theological College of the United Church of Canada are affiliated to McGill University, and participate in the support of the Faculty of Divinity. The professors of the Faculty of Divinity who are members of one or other of these Communions may be also members of the faculty in one of the theological colleges. Students in the Faculty of Divinity who are candidates for ordination in the Church of England or in the United Church of Canada must be registered also in their respective colleges, where they will receive such practical and other training as is required of candidates for ordination, but which is not part of the course for the B.D. degree.

The Montreal Diocesan Theological College and residence is situated at 3473 University St.; the Principal is Rev. R. H. L. Slater, M.A., Ph.D.

The United Theological College and residence is situated at 3508 University St.; the Principal is Rev. G. G. D. Kilpatrick, D.D., LL.D., D.C.L.

McGill University

Montreal

Faculty of Graduate Studies and Research

1953-1954

McGill University

Montreal

Faculty of Graduate Studies and Research

1953-1954

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (available for distribution only to libraries and officials of certain institutions.)

INDEX

	Page
Administrative Officers	2607
Admission	2611
Civil Servants	2622
Classes of Students	2612
Classification of Marks	2621
Cognate Subjects	2620
Committee on Research	2607
Degrees	2614
Departments of Study—	
Agronomy	2635
Air Law	2624, 2698
Anatomy	2636
Anthropology	2736
Architecture	2637
Bacteriology	2638
Bacteriology (Agricultural)	2633
Biochemistry	2639
Botany	2641
Chemical Engineering	2642
Chemistry	2643
Chemistry (Agricultural)	2634
Civil Engineering and Applied Mechanics	2649
Classics	2650
Comparative Philology	2650
Comparative Religion	2653
Divinity	2651
Economics and Political Science	2654
Education	2659
Electrical Engineering	2660
English	2666
Entomology	2670
French	2674
Genetics	2679
Geography	2681
Geological Sciences	2685
German	2689
Greek	2650

	Page
History	2691
Horticulture	2694
Islamic Studies	2695
Latin	2650
Law	2624, 2697
Mathematics	2699
Mechanical Engineering	2707
Medicine (Experimental)	2672
Metallurgical Engineering	2709
Meteorology	2683
Mining Engineering	2710
Neurology and Neurosurgery	2711
Nutrition	2713
Parasitology	2714
Pathology	2715
Pharmacology	2716
Philosophy	2717
Physics	2718
Physics (Macdonald College)	2725
Physiology	2725
Plant Pathology	2726
Poultry Husbandry	2727
Psychiatry	2728
Psychology	2729
Social Work	2625
Sociology	2733
Surgery (Experimental)	2673
Theological Studies	2625, 2651
Zoology	2737
Faculty Members	2608
Fees	2615
Fellowships, Scholarships and Medals	2614
French Summer School	2675
General Rules	2619
General Statement	2611
Graduate Record Examination	2611
Libraries	2740

	PAGE
Language Examinations, Ph.D	2628
Macdonald College Courses	2614
Marks, Classification of	2621
Members of the Faculty	2608
Ph.D. Language Examinations	2628
Ph.D. Preliminary Examinations	2628
Postgraduate Students' Society	2619
Qualifying Students	2612
Registration	2612
Regulations concerning Theses	2631
Regulations for Degrees—	
Doctor of Civil Law (D.C.L.)	2629
" " Music (Mus.D.)	2630
" " Philosophy (Ph.D.)	2626
" " Science (Applied)	2626
Master of Architecture (M.Arch.)	2624
" " Arts (M.A.)	2622
" " Civil Law (M.C.L.)	2624
" " Commerce (M.Com.)	2624
" " Engineering (M.Eng.)	2623
" " Laws (LL.M.)	2624
" " Science (Applied)	2625
" " Science (M.Sc.)	2623
" " Social Work (M.S.W.)	2625
" " Theology (S.T.M.)	2625
Research Associates	2619
Research, Committee on	2607
Research Fellows	2619
Resident Graduate Study	2619
Rules, General	2619
Scholarships	2614
Theses	2631
Tuition Fees	2615

INDEX—Continued

PAGE

Language Examinations, Ph.D. 2028
Macdonald College Courses 2014
Marks, Classification of 2021
Members of the Faculty 2008
Ph.D. Language Examinations 2028
Ph.D. Preliminary Examinations 2028
Postgraduate Students' Society 2019
Qualifying Students 2012
Registration 2012
Regulations concerning Theses 2031
Regulations for Degrees—
Doctor of Civil Law (D.C.L.) 2029
" " Music (Mus.D.) 2030
" " Philosophy (Ph.D.) 2026
" " Science (Applied) 2026
Master of Architecture (M.Arch.) 2024
" " Arts (M.A.) 2022
" " Civil Law (M.C.L.) 2024
" " Commerce (M.Com.) 2024
" " Engineering (M.Eng.) 2023
" " Laws (LL.M.) 2024
" " Science (Applied) 2025
" " Science (M.Sc.) 2023
" " Social Work (M.S.W.) 2025
" " Theology (S.T.M.) 2025
Research Associates 2019
Research, Committee on 2007
Research Fellows 2019
Resident Graduate Study 2019
Rules, General 2019
Scholarships 2014
Theses 2031
Tuition Fees 2015

Faculty of Graduate Studies and Research

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

David L. Thomson, Ph.D. (Cantab.), LL.D. (Middlebury, Aberdeen), F.R.S.C. — *Dean of the Faculty of Graduate Studies and Research*

John Hughes, M.A. (Wales) — *Secretary of the Faculty of Graduate Studies and Research*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. — *Bursar*

T. H. Matthews, M.A., LL.D. — *Registrar*

G. A. Grimson, B.Com. — *Chief Accountant*

A complete list of the teaching staff of the University, including the Faculty of Graduate Studies and Research, is printed as a separate announcement, which may be obtained from the Registrar's Office.

COMMITTEE ON RESEARCH

Dean D. L. Thomson, *Chairman*

Professor T. H. Clark
Professor G. A. Ferguson
Professor R. D. Gibbs
Professor G. C. McMillan
Professor D. L. Mordell
Professor D. L. MacFarlane
Professor W. C. Smith
Professor G. A. Woonton

MEMBERS OF THE FACULTY

PROFESSOR D. L. THOMSON (Biochemistry)—*Dean*
PROFESSOR E. R. ADAIR (History)
PROFESSOR E. F. BEACH (Economics)
PROFESSOR N. J. BERRILL (Zoology)
PROFESSOR J. B. BIRD (Geography)
PROFESSOR JOHN BLAND (Architecture)
PROFESSOR J. W. BOYES (Genetics)
PROFESSOR J. S. L. BROWNE (Medicine)
PROFESSOR A. S. V. BURGEN (Physiology)
PROFESSOR K. B. CALLARD (Political Science)
PROFESSOR T. W. M. CAMERON (Parasitology)
PROFESSOR C. H. CARRUTHERS (Classics)
PROFESSOR R. A. CHIPMAN (Electrical Engineering)
PROFESSOR T. H. CLARK (Geology)
PROFESSOR R. H. COMMON (Agricultural Chemistry)
PROFESSOR J. C. COOPER (International Air Law)
PROFESSOR J. I. COOPER (History)
PROFESSOR J. G. COULSON (Plant Pathology)
PROFESSOR E. W. CRAMPTON (Nutrition)
PROFESSOR A. B. CURRIE (Education)
PROFESSOR W. A. DELONG (Agricultural Chemistry)
PROFESSOR G. LYMAN DUFF (Pathology)
PROFESSOR M. J. DUNBAR (Zoology)
PROFESSOR E. M. DUPORTE (Entomology)
PROFESSOR G. I. DUTHIE (English)
PROFESSOR K. A. EVELYN (Experimental Medicine)
PROFESSOR G. A. FERGUSON (Psychology)
PROFESSOR H. N. FIELDHOUSE (History)
PROFESSOR H. G. FILES (English)
PROFESSOR J. S. FOSTER (Physics)
PROFESSOR R. D. GIBBS (Botany)
PROFESSOR J. E. GILL (Geology)
PROFESSOR W. L. GRAFF (German)
PROFESSOR P. H. H. GRAY (Agricultural Bacteriology)
PROFESSOR OSWALD HALL (Sociology)
PROFESSOR F. K. HARE (Geography)

PROFESSOR R. D. H. HEARD (Biochemistry)
PROFESSOR D. O. HEBB (Psychology)
PROFESSOR F. S. HOWES (Electrical Engineering)
PROFESSOR JOHN HUGHES (Education)
PROFESSOR J. D. JACKSON (Mathematics)
PROFESSOR R. E. JAMIESON (Civil Engineering)
PROFESSOR H. H. JASPER (Neurology)
PROFESSOR B. S. KEIRSTEAD (Economics and Political Science)
PROFESSOR RAYMOND KLIBANSKY (Philosophy)
PROFESSOR J. E. L. LAUNAY (French)
PROFESSOR C. P. LEBLOND (Anatomy)
PROFESSOR J. U. MACEWAN (Metallurgy)
PROFESSOR D. L. MACFARLANE (Agricultural Economics)
PROFESSOR F. C. MACINTOSH (Physiology)
PROFESSOR G. C. MCMILLAN (Pathology)
PROFESSOR OTTO MAASS (Chemistry)
PROFESSOR R. B. MALMO (Psychiatry)
PROFESSOR J. S. MARSHALL (Physics)
PROFESSOR D. L. MORDELL (Mechanical Engineering)
PROFESSOR E. G. D. MURRAY (Bacteriology)
PROFESSOR H. R. MURRAY (Horticulture)
PROFESSOR R. V. V. NICHOLLS (Chemistry)
PROFESSOR W. F. OLIVER (Physics, Macdonald College)
PROFESSOR WILDER PENFIELD (Neurology)
MR. RICHARD PENNINGTON (University Librarian)
PROFESSOR J. B. PHILLIPS (Chemical Engineering)
PROFESSOR C. B. PURVES (Chemistry)
PROFESSOR J. H. QUASTEL (Biochemistry)
PROFESSOR L. C. RAYMOND (Agronomy)
PROFESSOR C. A. ROBB (Mechanical Engineering)
PROFESSOR MURIEL V. ROSCOE (Botany)
PROFESSOR AILEEN ROSS (Sociology)
PROFESSOR F. R. SCOTT (Law)
PROFESSOR W. C. SMITH (Comparative Religion and Islamic Studies)
PROFESSOR H. SPENCE-SALES (Architecture)
PROFESSOR JOHN STANLEY (Zoology)
PROFESSOR HERBERT TATE (Mathematics)

PROFESSOR J. S. THOMSON (Divinity)
PROFESSOR ELEANOR H. VENNING (Medicine)
PROFESSOR P. R. WALLACE (Mathematics)
PROFESSOR D. R. WEBSTER (Experimental Surgery)
PROFESSOR E. C. WEBSTER (Psychology)
PROFESSOR C. A. WINKLER (Chemistry)
PROFESSOR H. D. WOODS (Economics)
PROFESSOR G. A. WOONTON (Physics)
PROFESSOR HANS ZASSENHAUS (Mathematics)

GENERAL STATEMENT

1. The Faculty of Graduate Studies and Research directs and controls courses leading to higher degrees and recommends candidates for these degrees.

2. The members of the Faculty are appointed annually by the University Committee on Research (see page 2607) from among those members of the staff who are most active in research or in the training of graduate students. Under the University Statutes this Committee is responsible, jointly with the Graduate Faculty, for organizing and coordinating programmes and courses of research. The Dean of the Faculty is Chairman of the Committee.

ADMISSION

3. Advanced courses of instruction are offered to students who are graduates of any university of recognized standing, and who have at least second class honours, or the equivalent of at least second class honours as granted by McGill University, in the subject in which they desire to take their major work. This implies a standing in the upper half of the undergraduate class, at least, and a considerable amount of specialization, for example 36 semester hours of lectures in the subject selected. Admission to these advanced courses does not in itself imply candidacy for a higher degree. Every student admitted to the Faculty is, however, attached to one or other of the Departments thereof, which is primarily responsible for guiding his studies.

4. The attention of applicants for admission to the Faculty is directed to the Graduate Record Examination (Educational Testing Service, Box 542, Princeton, N.J.). This examination consists of a relatively advanced test in the candidate's specialty, and a general test of his attainments in the several basic fields of knowledge, for which no special preparation is required or recommended. It is offered at many centres, including Montreal, several times a year; the entire examination occupies some eight hours, and the total fee does not exceed $10.00. Applicants for admission to the Faculty are not required to take this examination (save in Education, and Sociology), but those who have done so should submit their records therein; these will receive consideration along with other evidence of the candidate's admissibility. This credential is of especial importance in the case of applicants whose education has been interrupted, or has not led directly towards graduate study in the subject selected. In such cases the Department has the right to refuse to consider applications which do not include a report from the Graduate Record Examination or some similar test; some Departments require such reports

of all applicants. High standing in this examination will not by itself guarantee admission. The Miller Analogies Test may be used similarly, and is required of applicants for admission in Psychology.

CLASSES OF STUDENT

5. (a) Those admitted to the Faculty as regular students studying for a higher degree are termed "graduate students."

(b) Those students whose academic degrees and standing entitle them to admission to the Graduate Faculty, but who are not sufficiently prepared to undertake graduate study in the subject selected, may with the permission of the Dean and the Department concerned be permitted to take a "qualifying year" of further undergraduate studies. Qualifying students are registered in the Graduate Faculty, but not as candidates for a degree; for registration procedure, see Section 6 (b) and (c); for fees, see Section 10 (a). Completion of the work of the qualifying year does not automatically entitle the student to proceed towards a higher degree. Students who are ineligible for a qualifying year may apply to the appropriate undergraduate Faculty for admission as regular or partial students, and seek admission to the Graduate Faculty at a later date.

(c) Those qualified students who are permitted to take one or more courses in the Graduate Faculty, without intention of proceeding to a McGill degree, are termed "partial students of the Graduate Faculty". In the same category are included students carrying on research in McGill laboratories, without intention of proceeding to a degree. For fees see Section 20. If graduate partial students subsequently become candidates for higher degrees, they will normally receive academic credit and sometimes deduction of fees for relevant graduate courses taken as partial students. Students who wish to take further undergraduate courses only should register as "partial students" in the undergraduate Faculty concerned, even if they already hold degrees.

APPLICATION AND REGISTRATION

6. (a) Applications for admission should be made in triplicate on special printed forms which may be obtained at the Dean's office. Applicants who are not McGill graduates must submit two certified copies of their complete academic record, and are required to ask two instructors familiar with their work to send letters of recommendation to the Dean or to the Department concerned. It is desirable to submit a list of the titles of courses taken in the major subject, since transcripts often give code numbers only; the applicant should also indicate the branch of the major subject in which further training is desired. A passport-type photograph should also be supplied, either with the application or after it has been accepted. The application forms, duly signed, should reach

the Dean's office as early as possible and in no case later than September 14th, 1953, after which date a late fee of $5.00 will be charged. If the application is approved by the Dean and the Department concerned, one copy of the form will be returned to the applicant.

(b) Approved candidates must consult the Department or Departments in which they intend to study, with regard to choice of courses and subject of investigation. Formal application for permission to attend the courses selected, and for approval of the subject of investigation, must then be made in triplicate on special Registration Forms obtainable from the Dean's office. Language examinations (Section 52) should be entered on these forms, if required. These forms require the signature of the candidate, of the Chairman or Chairmen of the Departments concerned, and of the Professor appointed to act as director of the candidate's research, and are normally completed in consultation with the Department; students are warned that it may take a day or two to arrange and complete such consultations. The completed forms should be filed in the Dean's office as early as possible, and at the latest by September 30th; after this date a late fee will be charged. Candidates should in any case be prepared to attend the regular courses of instruction, which begin on September 30th.

(c) The registration forms will be scrutinized by the Dean and the Committee on Research, and if approval is given one copy will be returned to the candidate, who must then present it without delay at the Registrar's office. The student will meanwhile attend lectures, etc., on the assumption that his registration will be approved; but will not be given credit for attendance until he has completed registration at the Registrar's office. Candidates must register in this way, and pay their fees not later than October 26th; otherwise the prescribed penalty for late registration and late payment of fees will be enforced.

(d) Candidates whose courses extend over more than one year must register at the Dean's office and at the Registrar's office, as above, at the commencement of each year of their course; if they have not so registered at the beginning of the academic year, they are not eligible to receive their degrees at the following Spring Convocation. This applies also to non-resident candidates working at another institution (see Section 44).

(e) Candidates who have completed their courses and their residence but have not yet completed their theses must register at the offices of both the Dean and the Registrar, and pay a registration fee of $10, at the beginning of the session in which they present their theses; unless this is done, the thesis can not be examined and the degree can not be awarded (see Section 13).

(f) In some Departments it is in special cases possible to admit selected candidates at unusual times, for example at the beginning of the second term (January 5th) or at the beginning of the summer.

DEGREES

7. Graduate students may proceed to one or other of the following degrees: Master of Commerce (M.Com.), Master of Architecture (M.Arch.), Master of Science (M.Sc.), Master of Science (Applied), Master of Engineering (M.Eng.), Master of Arts (M.A.), Master of Sacred Theology (S.T.M.), Master of Civil Law (M.C.L.), Master of Laws (LL.M.), Doctor of Philosophy (Ph.D.), Doctor of Science (Applied), Doctor of Civil Law (D.C.L.), Doctor of Music (Mus.D.).

COURSES AT MACDONALD COLLEGE

8. (a) Graduate students who are taking the major part of their work at Macdonald College may go into residence there and may take, when required, other graduate courses given at the University.

(b) Students wishing to reside in Macdonald College should send in their application for accommodation to the Registrar, Macdonald College, Que., as soon as possible.

(c) Any fees in connection with courses taken at Macdonald College are payable to the Bursar of Macdonald College.

FELLOWSHIPS, SCHOLARSHIPS, AND MEDALS

9. (a) Details of Fellowships, Scholarships, Bursaries, Medals, and Loan Funds available for graduate students will be found in the Announcement of Scholarships, Bursaries, Prizes, and Medals, obtainable from the Registrar.

The following Graduate Fellowships and Scholarships are offered at McGill University to graduates of other approved institutions:

The University Fellowships, normally of $800 in the Humanities and Social Sciences.

The Arthur C. Tagge Fellowship of $1200 in the Humanities and Social Sciences.

The W. M. Birks Fellowship of $750 in Theology.

The Bronfman Fellowships of $1200 in Economics and Commerce.

The Alexander Mackenzie Fellowship of $950 in Political Science.

The Philip Carpenter Fellowship in Zoology.

The Leroy Memorial Fellowship of $500 in Geology.

The John Bonsall Porter Scholarship of $200 in Civil, Mechanical, or Electrical Engineering.

The Cominco Fellowship of $1000 for research on metals, chemicals, or fertilizers.

The Shell Oil Fellowship of $900 plus fees, in Chemistry, Mechanical Engineering, Geology, or Physics.

The Inco Scholarships of $500 in Chemical Engineering, Mining, Metallurgy, or Geology.

The T. Sterry Hunt Scholarship of $600, in Chemistry and Chemical Engineering, for holders of a Master's or other higher degree.

The C.I.L. Fellowships of $750 in Chemistry (British subjects).

The H. L. Blachford Scholarship of $750 in Organic Chemistry.

The Gottesman ($800), Sylvania ($1000), Shawinigan ($1000), and Ontario Paper Company ($1000) Fellowships tenable in the Division of Industrial and Cellulose Chemistry.

The James Douglas Fellowship in Pathology.

The H. W. Molson Fellowship of not less than $1000 for Cancer Research.

The John McCrae Fellowship of $800 in Experimental Surgery.

Fellowships in Neurology and Neurosurgery.

In most cases application should be made to the Dean of the Graduate Faculty prior to May 1st. Details of these awards, and of awards offered by other sources but tenable at McGill, are given in the Scholarships Announcement. There are application forms for the Bronfman Fellowships, but in other cases application should be made by letter, accompanying application for admission to the Faculty and supported by testimonials, transcripts, etc.

(b) In several Departments graduate students are eligible for demonstratorships and assistantships. Information concerning these may be obtained from the Chairman of the Department concerned.

FEES

The University reserves the right to change any fee without notice.

10. (a) The inclusive fee for a *full time session of resident study* (e.g. a Qualifying Year, the required year for the Master's degree, or each of the three required years for the Ph.D.) is $300.00, except in the case of the LL.M. for which the sessional fee is $400.00. Full-time Assistant and Associate Professors and Lecturers are eligible to apply for a rebate on these fees.

(b) The inclusive fee for a *half-session of full-time study* or for a *session of half-time study* (see Section 31) is $150.00, or $200.00 for the LL.M.

(c) The fee for an *additional session of resident study*, beyond the required year for the Master's degree or the three required years for the Ph.D., for students in good standing whether full-time or half-time, is $25.00.

(d) The registration fee for a *session not spent in residence* (see Sections 6e, 13, and 44) is $10.00.

(e) The additional fee for a degree conferred *in absentia* is $10.00.

(f) Resident students at McGill will in addition to the fee (a, b, or c above) also pay $6.00 for student activities; at Macdonald College this fee is $17.00 for men and $12.00 for women students. This may be waived for full-time members of the teaching staff.

11. The above fees for resident students are inclusive, and cover tuition, graduation, the use of laboratories and libraries, the health service and athletic privileges, and membership in the Postgraduate Students' Society. Additional fees are however charged as set forth below, for special and supplemental examinations, for the re-examination of revised theses, for the repetition of uncompleted courses, and for late registration, etc. Any student taking a lecture course or doing laboratory work, or receiving regular guidance or consultation from any member of the staff, is considered to be in residence. He must register and pay fees as above. For payment by instalments, see Section 21.

12. A Ph.D. candidate permitted to spend either the second or the third year of his course at an approved institution elsewhere (see Section 44c) must register at the Dean's office and with the Registrar at McGill as a non-resident student, and pay a fee of $10.00.

13. (a) A student who has completed his courses and his residence but has not completed his thesis must register at the Dean's office and with the Registrar, and pay a registration fee of $10, at the beginning of the session in which he intends to present his thesis, whether for the Spring or the Fall Convocation. Such a student is not considered to be in residence, and the $10 fee does not give the student access to the libraries or laboratories, nor health and athletic privileges, nor membership in the Postgraduate Students' Society. If the student does not fulfil his intention to present his thesis, the fee is not returned and can not be transferred to any subsequent session.

(b) Registration is also required when a student has completed all requirements except for one or more examinations. The fee in this case will be $10.00 (non-resident) or $25.00 (resident), in addition to any fees due for special examinations (Sections 16, 17).

14. A graduation fee of $200.00 is payable for the degree of D.C.L. or Mus.D. and should be forwarded with the application. This fee includes the cost of registration, but does not give the candidate the privileges of a student in residence.

There is no fee for any degree granted *honoris causa*.

15. (a) A candidate whose thesis is judged unsatisfactory by the examiners may present a revised thesis once again, for a subsequent Convocation, upon payment of the following fees:

Master's degree	$20.00
Ph.D. degree	35.00
D.C.L. or Mus.D	50.00

(b) Except for the D.C.L. and Mus.D. degrees, a registration fee of $10.00 (see Section 13) is also payable if a new session of non-resident study is entered; if the student remains in residence for an additional session, the fee of $25 (see Section 10c) will be charged instead of the registration fee, and in addition to the re-examination fee.

16. Fees for supplemental examinations, granted under special circumstances by permission of the Dean on the recommendation of the Department, are payable in advance at $10.00 per paper. A student who has failed in any required course and does not receive permission to attempt a supplemental examination must retire from the Faculty. Only under exceptional circumstances may permission be granted by the Dean, on the recommendation of the Department, for the student to repeat any such course. In such a case the student must pay the fee required of partial students for the course in question (see Section 20) in addition to fees applicable under Sections 10 and 15, but does not pay for supplemental examinations.

17. There is no fee for the language examinations for Ph.D. students (see Section 52) when these are first taken at the regular time (see Section 52c). A fee of $5.00 is however charged when these examinations are taken at any other time, or when these examinations are retaken after a previous failure, or have not been taken in the session in which they were entered upon the registration form.

18. French Summer School students who are proceeding to the M.A. degree are liable for the regular fee of $300 for the M.A. course but are remitted $72.50 of this for each Summer Session they have attended in the advanced course. At the end of the second Summer Session they are required to apply for and obtain admission to the Faculty of Graduate Studies (see Section 6a), but they do not register therein (Sections 6b, c, d) until the end of the fourth Summer Session; at that time they must

register on sessional forms at the Dean's office, as "non-resident students", and pay the balance still owing of the M.A. fee. If the presentation of the thesis is postponed beyond the September one year after this registration, they will pay an additional registration fee of $10.00 at the beginning of the session in which the thesis is to be presented. Students who have completed four Summer Sessions in French (or the equivalent) are excused the *in absentia* fee (see Section 10e) when they obtain an M.A. degree.

19. Students permitted to work for the High School Diploma and for the M.A. concurrently (see p. 2659), spreading the work for the M.A. over two years, pay the fee for the Diploma course in the first and the normal fee of $300.00 for the M.A. degree in the second of these years.

20. The normal fee for "partial students of the Graduate Faculty" as defined in Section 5b is $90.00 per full course; special fees may be required for certain laboratory courses. A partial student carrying on research in McGill laboratories, but not taking courses, will normally pay $90.00 per session. Partial students must also pay the Grounds Fee of $5.00 and, if taking three or more full courses, the Health Service fee of $7.00 and Student's Activities fee of $5.00.

21. Fees are due and payable at the Accounting Office on or before October 26th. If paid by instalments the second instalment is due on February 1st. An additional $5.00 is charged for payment by instalments. An additional $2.00 is charged for payment after the specified dates.

22. Immediately after October 27th a list of students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students cannot be re-admitted to any class until instructions have been received from the Chief Accountant that the fees have been paid.

23. Late fees are charged as follows:

Application forms, after September 14th	$5.00
Registration at Dean's Office, after September 30th	5.00
Registration at Registrar's Office, after October 26th	5.00
Payment of fees, after October 26th	2.00

24. All resident students with the exception of those at Macdonald College, are entitled to the following health and athletic privileges:

(a) Medical examination (compulsory); daily consultation service and hospital treatment, as furnished to undergraduates.

(b) Tennis privileges during the session and summer privileges on the same basis as undergraduates (Present summer fee $5.00).

(c) Social skating privileges on the campus rink.

(d) Opportunities for exercise with various athletic clubs and eligibility for intercollegiate and other teams.

(e) A book of spectator's tickets, granting admission to all intercollegiate football and hockey games, etc., may be purchased for $3.00.

25. At Macdonald College, graduate students are entitled to medical attendance, major operations excepted, on the same basis as other students. Graduate students at Macdonald College are entitled to participate in the activities of the various organizations under the Students' Council and to have one representative on the Students' Council.

26. All resident students of the Faculty of Graduate Studies and Research are members of the Postgraduate Students' Society.

27. All fees are payable in Canadian currency.

RESEARCH ASSOCIATES

28. This title is intended to provide recognition and status on the University records for investigators who are neither candidates for a degree nor members of the staff of McGill University, but are attached temporarily to a department on the ground that their assistance is required in the interests of a current programme of research.

29. A Research Associate will normally hold the Ph.D. degree or an equivalent qualification.

30. Any money grant which a Research Associate may receive must be either from McGill University or from some other institution promoting the advancement of learning, and must be paid solely for the furtherance of the research that he is pursuing and not for instruction or demonstration. A Research Associate may, however, with the permission of the Faculty, act as a director of research for graduate students associated with him.

GENERAL RULES CONCERNING HIGHER DEGREES

31. (a) A graduate student is expected to devote his full time to his courses, reading, and research in each session counted towards completion

of residence requirements. Members of the teaching staff of the University who are also students in the Graduate Faculty and who give more than three hours of lecturing or six hours of conference work or twelve hours of supervisory work in laboratories and allied services per week, and other students doing an equivalent amount of additional work inside or outside the University, may not obtain the Master's degree in one year, and will require at least four years for the Ph.D. At least one of the years required for either degree must be spread over two sessions, in each of which such students will be registered as *half-time* workers and will pay a fee of $150.00, or $200.00 in the case of the LL.M.

(b) No full-time student registered in any professional Faculty of the University may register for a graduate degree or for a qualifying year without the special permission of both Faculties.

(c) Students assisted by the Department of Veterans' Affairs are not considered to be "full-time" if they are giving more than nine hours per week to demonstrating and similar services.

(d) A degree is granted in the Faculty of Graduate Studies essentially for work in one subject, known as the student's *major subject.* Certain allied or "cognate" courses in other subjects may be permitted or required; these must be entered on the sessional registration form, which must show whether the courses are to be taken for credit, including examination, or merely attended, and which must be signed by the Chairmen of all Departments concerned.

(e) There is no fixed number of course credits required for these degrees. The Department concerned will rather examine the applicant's previous training, undergraduate and graduate, and then decide how many of the available courses in the major subject and related fields are still required to bring the candidate to the proper level for the Master's degree or Ph. D. The satisfactory completion of such essential courses and the presentation of an acceptable thesis are two separate requirements which must be separately met. Due account will be taken of all relevant courses passed at any recognized University or College.

(f) A candidate with a given higher degree may be permitted to proceed to a second degree of the same kind, but in another subject, provided that the usual requirements for the degree are entirely fulfilled and approved as usual by the Department concerned. In the computation of fees for such second degree, no account will be taken of the student's previous registration in the Graduate Faculty.

CLASSIFICATION OF MARKS

32. 100-80%.....First Class
79-65%.....Second Class
Below 65%.....Failure

This classification applies also to students taking a Qualifying Year.

Students who obtain marks between 50 and 64% in courses not required for the degree sought may, on recommendation of the major Department, be recorded as having "passed at the undergraduate level."

Students who have failed in required examinations are permitted to write supplemental examinations only on the recommendation of the major Department and with the permission of the Dean (see Section 16).

THE MASTER'S DEGREE

33. (a) **Normal Procedure for the Master's Degree.**

At least one full session or two half-sessions of resident study at McGill University is required for a Master's degree; this is a minimum requirement, and it will usually be found impossible to complete the work for the degree within this time; the M.Ps.Sc. and LL.M. cannot be completed within one academic session. Residence credit is not given for work done during the summer vacation, either at McGill (save in the French Summer School) or elsewhere; the majority of graduate students find it necessary, however, to devote the greater part of their summers to work upon the thesis problem. The procedure to be followed in applying for admission and in completing registration is described above (Section 6). The candidate is required to pass the examinations in the courses which have been indicated to him by the Department and which are recorded on his approved registration form (except such courses as are marked "not for examination") and he may also be required to pass a general examination in his major subject; the marks or classes he obtains in these examinations are part of his qualifications for the degree. The candidate must also present a thesis on some topic connected with his major subject. The title of the thesis may be entered upon the registration form, and if not decided at that date must be subsequently submitted, in writing, to the Chairman of the Department concerned and to the Dean for formal approval at least four months before the thesis is handed in. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style. *For further regulations regarding theses, see Sections 59, 60, and 61.*

(b) Candidates who intend to proceed later to the Doctor's degree should note the language requirements (Section 52) and are strongly advised to take the examination in at least one language while working for the Master's degree.

34. Special Concessions for Civil Servants.

With regard to the M.Sc. and M.Eng. (which may be the first year of the Ph.D. course), the following concessions are approved:

(a) Candidates for the degrees of M.Sc. or M.Eng. who are graduates of McGill University and have had two or more years' experience in a Government Department, performing as their main duty work of the same type as that proposed for research, may, on recommendation of a Department and with the approval of the Faculty in full session, have their residence requirements reduced to one half-session only. It is understood that these candidates must take the usual final examination in all subjects required. The full sessional fee is payable.

No special concessions can be made to Civil Servants who are graduates of universities other than McGill.

(b) A Government laboratory may be approved by the Faculty as a research institution (see Section 44c).

35. The Degree of Master of Arts.

(a) Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Arts is provided in the following Departments of study, which rank as "subjects":

Classics	History
Comparative Religion	Islamic Studies
Economics and Political Science	Mathematics
Education	Philosophy
English Language and Literature	Physics
French Language and Literature	Psychology
Geography	Sociology
German	

Studies in other subjects, including sciences and certain theological studies (see p. 2651), may be undertaken as cognate courses only, and only with the permission of the Departments concerned.

(b) Candidates must hold the degree of B.A. They must have obtained at least a second class in an Honours course at McGill University, or its equivalent elsewhere, in the subject or subjects which they propose to study.

36. The Degree of Master of Science.

(a) Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Science is provided in the following Departments of study:

Agricultural Bacteriology	Mathematics
Agricultural Chemistry	Metallurgy
Agronomy	Meteorology
Anatomy	Neurology and Neurosurgery
Bacteriology and Immunity	Nutrition
Biochemistry	Parasitology
Botany	Pathology
Chemistry	Pharmacology
Entomology	Physics
Experimental Medicine	Physiology
Experimental Surgery	Plant Pathology
Genetics	Poultry Husbandry
Geography	Psychiatry
Geological Sciences	Psychology
Horticulture	Zoology

(b) Candidates must hold a Bachelor's degree with at least second class in an Honours course at McGill University, or its equivalent. Candidates with an M.D. degree must have attained high standing.

37. The Degree of Master of Engineering.

(a) Instruction for the degree of Master of Engineering is given in the following Departments of study, which rank as "subjects," in which definite courses may be selected:

Chemical Engineering
Civil Engineering
Electrical Engineering
Mechanical Engineering
Metallurgical Engineering
Mining Engineering

(b) Candidates must hold the degree of Bachelor of Engineering, or an equivalent degree, and their undergraduate academic rank must, in general, be equivalent to high second-class standing.

(c) The establishment of the degree of Master of Engineering does not prevent a properly qualified holder of the degree of Bachelor of Engineering, or the equivalent, from proceeding to the degree of Master of Science in pure science.

38. **The Degree of Master of Architecture.**

(a) Instruction for the degree of Master of Architecture is given in the following Departments of study, which rank as "subjects."

Architectural Design
Community Planning
Housing

(b) Candidates must hold the degree of Bachelor of Architecture or an equivalent degree, and their undergraduate rank must, in general, be equivalent to high second-class standing.

(c) One only of the above subjects may be taken.

Each candidate is required to take at least one course in his subject involving at least one year of resident study.

In addition he is required to meet in personal conference at least once a week the professor under whose supervision he is preparing his thesis.

39. **Master's Degrees in Law.**

(a) Instruction leading to the degree of Master of Civil Law (M.C.L.) is offered in the following departments of study:

Roman Law
Civil Law
Commercial and Maritime Law
Public Law, including International Law

At least one session of full-time resident study, or its equivalent, is required; this includes the passing of one or more courses and the preparation, under supervision, of an acceptable thesis.

(b) The degree of Master of Laws (LL.M.) is offered in the Institute of International Air Law only. The curriculum involves one full-time session of resident study including prescribed and elective courses; students whose work has been found satisfactory will be permitted to complete requirements for the degree by submitting an acceptable dissertation in a subsequent session, which need not be spent in residence

(c) Applicants for admission to candidacy for the M.C.L. or LL.M. must hold an acceptable degree in Law. For further particulars see page 2697, or consult the Secretary of the Faculty of Law.

40. **The Degree of Master of Commerce.**

(a) This degree is at present granted in Economics only.

(b) Candidates must hold the degree of B.Com. from McGill University, with at least a creditable average second-class standing, and with at least second class standing in the required courses in Economics: graduates of other universities must possess equivalent qualifications, especially in Economics.

(c) Applications for admission must be approved by the Director of the School of Commerce and by the Chairman of the Department of Economics.

41. The Degree of Master of Social Work.

(a) This degree is now administered by the Faculty of Arts and Science.

(b) Applications for admission must be approved by the Director of the McGill School of Social Work, from whom the Announcement of the School with details of courses, etc., may be obtained.

42. Master's Degree in Theology.

(a) Applicants for admission to the course leading to the degree of *Sanctæ Theologiæ Magister* (S.T.M.) must hold the B.A. degree and the degree of B.D., or its equivalent, from a recognized university, college, or seminary. They must have sufficiently high academic standing and adequate preliminary training, including a knowledge of the requisite ancient or modern languages, for higher studies in the field selected. The M.A. is offered as well as the S.T.M., in the field of Comparative Religion, which is therefore open to other qualified applicants who do not hold the B.D. or equivalent.

(b) Candidates must undertake full-time resident study at McGill University for at least one academic session or two half-sessions, during which they will prepare for the examinations in the courses to which they are assigned. A thesis on an approved subject within the major field selected is a further requirement for the degree. For further particulars see page 2651.

43. Degree in Science (Applied).

(a) The degree of Master of Science (Applied) was established in 1949 to permit approved Departments to offer postgraduate training of a professional and vocational character, with less emphasis on theoretical knowledge and research than in other degrees of this Faculty but with no lower standards either for admission or for completion of requirements. Curricula of this type are at present available only in

the Department of Psychology, whose statement herein should be consulted, and lead to the degree of Master of Psychological Science (M.Ps.Sc.). (*See page* 2729.)

(b) Similarly the degree of Doctor of Science (Applied) for still higher professional training has been established so far only in the Department of Psychology and carries the title of Doctor of Psychological Science (D.Ps.Sc.). Candidates for this degree will not be accepted in 1953-54. (*See page* 2729.)

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

44. (a) Candidates for the degree of Doctor of Philosophy must hold the degree of B.A. with Honours, or B.Sc. with Honours, or B.Eng. or B.Com., or B.Sc. (Agr.) or M.D., with at least good second-class standing in each case, from McGill University, or some equivalent qualification.

(b) Many Departments will require candidates who do not already hold an appropriate Master's degree to register for the M.A. or M.Sc. rather than for the Ph.D. direct; but may later recommend to the Committee on Research that candidates of undoubted promise should be allowed to proceed directly towards the Ph.D. without being required to submit a Master's thesis; in other cases, permission to proceed towards the Ph.D. may depend on the standing obtained in the Master's degree.

(c) Candidates must follow a course of at least three years resident study at a University or other institution of higher learning or research; this is a minimum requirement, and there is no guarantee that the work for the degree can be completed in this time. Two at least of these years must be spent at McGill University, and these should if possible include the final year. Departments may permit or require candidates to spend one session at another institution approved by the Committee on Research (for fees, etc., see Section 12); it is understood that this session must be one of full-time study, and that the institution selected must be able to provide expert supervision and facilities for research appropriate to the candidate, in the field selected. Candidates are therefore required to submit a programme of the work projected and particulars of the institution selected, for approval by the Committee, before undertaking any such period of study apart. They must register at McGill as non-resident students; and the Committee may require reports on progress from time to time or at the end of the period for which credit is claimed. The Faculty may make special exceptions to these general regulations concerning residence; it may permit McGill graduates, for example, to spend two years in study apart at approved institutions and to reside at

McGill for the final year only. Residence credit is not granted for work done during the summer vacations, either at McGill or elsewhere; but it is the custom for candidates to spend the greater part of each summer in work upon the thesis problem, and those who do not do so are unlikely to complete a satisfactory thesis in the prescribed minimum time; in certain subjects, *e.g.* in Agricultural sciences, summer researches are indispensable.

45. A student who has obtained his Master's degree at McGill University or at an approved institution elsewhere, and is proceeding to a Ph.D. may, on recommendation of the Department, be permitted to count the work done for the former as the first year of his resident study for the Doctor's degree (see Section 44). The attention of students seeking admission on this basis is drawn to the language requirements (Section 52d), for which they are advised to prepare themselves in advance.

46. Candidates must select one major subject (see Section 31d). Courses leading to the degree of Doctor of Philosophy are offered in the following as major subjects:

Agricultural Bacteriology
Agricultural Chemistry
Anatomy
Bacteriology and Immunity
Biochemistry
Botany
Chemistry
Economics and Political Science
Electrical Engineering
Entomology
Experimental Medicine
French
Genetics
Geography
Geological Sciences
History
Mathematics
Neurology and Neurosurgery
Parasitology
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Psychology
Zoology

47. In special cases, other Departments may be authorized to provide courses which will lead to this degree. Candidates desiring to proceed to the degree of Doctor of Philosophy in other Departments than those mentioned above should, therefore, make direct application to the Dean of Graduate Studies and Research, asking whether courses in such subjects can be provided.

48. The course of study which the candidate desires to follow must, before he enters upon it, have been submitted to the Chairmen of the several Departments concerned and have received their approval (see Section 6b).

49. **Preliminary Examination.** The first two years include instruction, training and direction in the candidate's field of study, with the object of giving him a knowledge of his particular subject and its relation to cognate branches of learning and of preparing him for independent investigation. The candidate's preliminary examination is held at the end of the second year, or at a time selected by the Chairman of the major Department, unless otherwise specified by Departmental regulations approved by the Faculty. This examination covers all graduate work previously taken by the candidate, including his prescribed reading, and may also include any work fundamental thereto. The candidate must show that he possesses a good general knowledge of the whole science or branch of learning which he has selected as his major subject. The examination may be written or oral or both. The result of this examination determines whether the candidate is allowed to proceed to his degree. The final year is devoted chiefly to the preparation of the thesis, the research for which is normally begun in the first year.

50. The candidate is also required to pass the examinations in the courses indicated by the Department, and recorded on his approved registration form, unless they have been marked "not for examination."

51. After the thesis has been received and approved, a final oral examination on the subject of the thesis and subjects more intimately related to it is held. This is conducted in the presence of a Committee of at least four members approved by the Faculty of Graduate Studies.

52. (a) Every candidate must satisfy the Faculty of Graduate Studies and Research that he has a reading knowledge of French and German; candidates may, however, seek the permission of the Dean to substitute another language for either French or German. In the special case of the Ph.D. in French, a knowledge of Latin and of either Spanish or Italian is required, but the regulations in paragraphs b, c, and d (below) will not apply.

(b) The candidate's major Department will select passages for translation, typical of the literature of the subject, and will make arrangements for the examination. The Departments of French and German must approve the passages selected, and will correct the translations and decide whether the candidate has fulfilled the requirements; they may also require any candidate to appear for oral examination and for explanation of his written answers.

(c) The examinations may be written in the first ten days of December without fee, save in the case of Ph.D. candidates in Physics, who normally write German examinations in February. A fee of $5.00 is, however, charged (see Section 17) for each Supplemental language examination, or for language examinations held at other dates which may be arranged

on recommendation of the Department to the Dean (normally the first week in April or the fourth week in September). A student will not ordinarily be permitted to attempt any language examination on more than two occasions in any one calendar year.

(d) Candidates are expected to take at least one language examination in the first year of the Ph.D. course, and the other not later than the second year. Sessional registration forms (Section 6b) must indicate the student's intentions in this respect; a student who does not attempt a language examination in any session in which he has registered for it will be regarded as having failed the examination. Students admitted to the Second year of the Ph.D. course (Section 45) must discharge their language requirements as early as possible. Sessional registration forms which do not comply with these requirements will be rejected.

(e) The Department of German offers, when possible, a special course open to candidates for the Ph.D. degree and designed to help them to acquire the necessary reading knowledge of the language: one lecture per week, hours to be arranged.

53. **Thesis.**

(a) The thesis for the Ph.D. degree must display original scholarship expressed in satisfactory literary form and be a distinct contribution to knowledge. The subject of this thesis must have been approved, in writing, by the Chairman of the Department in which the major subject is taken, and also by the Committee on Research, at least twelve months before the date of the final examination; the exact title may be decided later (Section 59d).

(b) Three copies of the thesis must be provided by the candidate.

(c) The regulations concerning theses are stated in Sections 59, 60, and 61.

54. Special regulations for the Ph.D. in Economics are stated on page 2657, in French on page 2677, in History on page 2693, and in Entomology on page 2671.

REGULATIONS FOR THE DEGREE OF DOCTOR OF CIVIL LAW (D.C.L.)

55. Any person who has graduated as a B.C.L. from McGill University may after seven years from such graduation proceed to the degree of Doctor of Civil Law, provided he has distinguished himself by eminent services in the domain of law, and provided he has written a thesis on a subject previously approved by the Faculty of Graduate Studies and Research, and that such thesis has been adjudged by that Faculty to be a valuable contribution to legal science. The candidate may, instead of a thesis, submit a published book or books dealing in a scientific way with

some branch or branches of law. Three copies of the thesis or book should be submitted to the Dean not later than February 14th, if the candidate hopes to be presented at the Spring Convocation. A very high standard is required for this degree, but it does not call for any resident graduate study in the University. See also Sections 14, 15, and 60 (h).

REGULATIONS FOR THE DEGREE OF DOCTOR OF MUSIC (Mus.D.)

56. Bachelors of Music of McGill University, after a lapse of a period of seven years from the time of taking the degree of Bachelor of Music, may proceed to the degree of Doctor of Music, the requirements for which are a composition in extended form, such as an oratorio, opera, or cantata. This exercise must have as its first number an introductory orchestral movement in the form of a concert overture, must contain some eight-part writing and fugal treatment, and must be scored for a full orchestra. If preferred, a candidate may present a composition scored for full orchestra in the form of a symphony, symphonic poem, or tone poem occupying not less than forty minutes in performance. Compositions which have already been published or performed may be submitted, if otherwise suitable. The exercise should be submitted not later than February 3rd, if the candidate hopes to be presented at the Spring Convocation; only one copy is required. The University may, if it elects to do so, order the candidate to give a public performance of his original and unaided composition, when approved by the examiners, in some public building connected with the University. In addition, an examination in the higher forms of composition is necessary, together with a critical knowledge of the full scores of certain prescribed work. See also Sections 14 and 15.

57. Graduates of other universities may, on payment of the necessary fees, be admitted "ad eundem" to the Degree of Mus.B. if they wish to proceed to the further degree of Mus.D. provided they secure permission to do so through the Faculty of Graduate Studies and Research from the Senate of the University, the period of seven years referred to above to be counted from the date on which they received the degree of Bachelor of Music from their own University.

58. *Requirements for Mus.D.:* Harmony up to eight parts; Counterpoint up to eight parts (strict and free); Instrumentation; Canon four and two; Fugue up to five parts; History of Music; Form and Analysis based on knowledge of Beethoven's nine symphonies, Brahms' second and third symphonies, Strauss' tone poem Death and Transfiguration, Wagner's Meistersinger and Tannhäuser Overtures, either Bach's St. Matthew Passion or Beethoven's Mass in C, and Mozart's Magic Flute or Wagner's Parsifal.

REGULATIONS CONCERNING THESES

59. (a) In the case of students who wish to graduate at the Spring Convocation, all theses for a Master's degree must be handed to the Dean of the Faculty of Graduate Studies and Research not later than April 20th, 1954.

(b) All theses for the degree of Ph.D. must be in the hands of the Dean not later than April 8th, 1954.

(c) The theses of students who wish to graduate with a Ph.D. or Master's degree at the Fall Convocation must be in the hands of the Dean of the Faculty of Graduate Studies and Research not later than August 25th, 1953.

(d) The title of the thesis, as approved by the Department, must be submitted for approval by the Committee on Research at least four months before the thesis is handed in. The Dean may subsequently permit minor changes in the wording of the title.

60. All theses submitted by successful candidates for higher degrees (other than the Mus.D.) are bound and placed in the Library. Candidates for such degrees are therefore advised that the Faculty of Graduate Studies and Research requires theses to be prepared in accordance with the following specifications:

(a) Theses must be typewritten and in triplicate. Ultimately one copy is deposited in the McGill Library, one in the Departmental Library, and one is returned to the candidate.

(b) The left-hand margin must have a uniform width of not less than 1½ inches; this rule also applies to diagrams, etc. Drawings, maps, plates, etc., if larger than the prescribed page, may be folded and subsequently bound in only if the flap is not larger than 7 x 11 inches. Larger drawings, maps, etc., must be folded down to not more than 7 x 10 inches, so that they may be placed in pockets in binding.

(c) The paper must be of a good bond grade, and is to be of uniform size, 8½ x 11 inches. Theses on inferior grades of paper will not be accepted. This applies to the first two copies.

(d) No binding is necessary, but the loose sheets must be placed, unfolded, in a manila envelope in the order of their pagination. On the outside of each envelope must be written clearly the name of the candidate, title of thesis, degree, date, and Copy I, II, or III. Students are also asked to suggest a short title of not more than 55 letters (excluding their surname) for the lettering along the back of the bound copy.

(e) Copies of the thesis must be double-spaced and free from typographical and other errors, otherwise they will be returned to the candidate for revision, with possible consequent delay in the granting of the degree.

(f) Every thesis should have a sufficient table of contents and a thorough bibliography on the subject. Scientific theses should also contain an introductory historical statement of previous work or investigation, and a summary. In the case of the Ph.D. degree, there should be a clear statement of the claim of original work or contribution to knowledge made by the author.

(g) The candidate is required to declare, generally in the preface and specifically in the text of the thesis, the extent to which assistance has been given by members of the staff, fellow-students, technicians, or others, in the collection of material, the design and construction of apparatus, the performance of experiments, and the preparation of the thesis in general. This regulation does not apply to the normal supervision and advice given by the director of the candidate's research.

(h) If a thesis is rejected it cannot be submitted again, in a revised form, more than once (see Section 15).

(i) Unless there is a specific arrangement to the contrary, the candidate must understand that the University Library is free to allow the thesis to be consulted or borrowed, or to be issued in whole or in part in photostat or microfilm form.

SUMMARIES OR ABSTRACTS OF THESES

61. Three copies of a statement or abstract must also be presented, on a separate sheet, giving the author, title of thesis, and a summary not exceeding 150 words. One copy should be placed in each envelope, and the rules above as to format, margins, etc., will apply.

DEPARTMENT OF AGRICULTURAL BACTERIOLOGY

(Macdonald College)

Professor . . . . . P. H. H. GRAY, *Chairman*
Assistant Professor . . . . . R. H. WALLACE

Adequate laboratory and library facilities are available for courses leading to higher degrees, and for research.

COURSES FOR HIGHER DEGREES

60. PHYSIOLOGY OF MICROORGANISMS (2 hours) *Professor Wallace*
Text: Werkman and Wilson, Bacterial Physiology (Academic Press).

61. SOIL MICROBIOLOGY (2 hours) *Professor Gray*
Text: Waksman, Principles of Soil Microbiology (Williams & Wilkins); Russell, Soil Conditions and Plant Growth (Longmans).

62. FOOD MICROBIOLOGY (2 hours) *Professor Wallace*
Text: Tanner, Microbiology of Foods (Garrard).

63. COLLOQUIUM *Staff*
A written report on topics of current research in the candidate's field must be presented fortnightly.

REQUIREMENTS FOR THE MASTER'S DEGREE

1. Candidates are required to have the B.Sc. (Agr.) degree with high standing, or its equivalent with sufficient training in the subjects of the courses chosen for the higher degree. Students who lack such training must take the required courses of the final undergraduate year as well as courses in such other subjects as the department may require.

2. Candidates must take examinations in two of the courses listed above, either 60 with 61, or 60 with 62, and conform to the requirements of the colloquium.

3. The preparation of a thesis should require at least 20 hours of laboratory work per week. The thesis must be on a current research problem in agriculture, and may be completed at the end of one year's work.

4. Special arrangements can be made for candidates of recognized ability who wish to take studies in two major subjects.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates for the Ph.D. degree must have obtained first class honours standing in their work for the B.Sc. (Agr.) degree, or its equivalent, or have submitted a thesis of outstanding merit for the M.Sc. degree; they must show in frequent conferences and colloquia that they possess sound critical ability and capacity for research. Candidates are urged to study the required modern languages before entering the second year.

DEPARTMENT OF AGRICULTURAL CHEMISTRY

(Macdonald College)

Professor	R. H. COMMON, *Chairman*
Associate Professor	W. A. DELONG
Assistant Professor	B. E. BAKER
Lecturer	G. O. HENNEBERRY

The Department works in close liaison with the Department of Physics, Macdonald College, and laboratory facilities for research thus include equipment for the use of radioactive tracers, X-ray spectrophotometry, differential thermal analysis, flame photometry, petrological microscopy of soils, and electron microscopy.

COURSES FOR HIGHER DEGREES

60. CHEMISTRY OF SOILS

2 lectures per week, second term. *Professor DeLong*

(*Not given in 1953-54.*)

61. PLANT BIOCHEMISTRY

2 lectures per week, second term. *Professor DeLong*

51 and 52. CHEMISTRY OF FOOD AND FEEDING STUFFS AND ADVANCED FOOD ANALYSIS

2 lectures per week, both terms. *Professor Common*

63. INDUSTRIAL UTILIZATION OF FARM PRODUCTS

2 lectures per week, second term *Professors Common and Baker*

Special laboratory work (three hours per week) may be required in any of these courses.

REQUIREMENTS FOR THE MASTER'S DEGREE

1. Candidates are required to have the B.Sc. (Agr.) degree with honours standing, or an equivalent qualification. Students holding a B.Sc. degree may be accepted if they have taken appropriate undergraduate work in chemistry with sufficient biology; otherwise a qualifying year will be required.

2. Candidates for the Master's degree are required to take the examinations in two of the courses for higher degrees given in the Department.

3. Candidates may be required to take the examination in one of the cognate courses listed below:

At Macdonald College:

Either Experimentation (Department of Agronomy, Course 60) *or* Advanced Biophysics (Department of Physics, Course A).

At McGill University in Montreal:

Advanced Organic Chemistry (Department of Chemistry, Course A).

Advanced Physical Chemistry (Department of Chemistry, Course 44).

Thermodynamics (Department of Chemistry, Course 35).

Cellulose, Lignin and Related Compounds (Department of Chemistry, Course L).

Protein Physical Chemistry (Department of Biochemistry, Course 44b).

Metabolism (Department of Biochemistry, Course 45).

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates will be judged principally by their ability in research. Special arrangements for course work will be made with the McGill Departments of Chemistry and Biochemistry. Candidates are expected to have a basic knowledge of the main branches of agricultural chemistry when they present themselves for their preliminary examination.

DEPARTMENT OF AGRONOMY

(Macdonald College)

Professor	L. C. RAYMOND, *Chairman*
Associate Professors	E. A. LODS
	H. A. STEPPLER
Assistant Professor	R. I. BRAWN

The Department is well equipped to conduct research with crop plants particularly in relation to breeding.

All important periodicals, scientific journals, books, and bulletins on Agronomy and related subjects, are available to students in the McGill, Macdonald College, or Agronomy Department Libraries.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who take Agronomy as a major subject must have had a good training and achieved high standing in Agronomy, Botany, Chemistry and Genetics. Those who have not had adequate training in these subjects will be required to take such courses as may be needed to rectify the deficiency.*

60. STATISTICAL METHODS
First term: 2 laboratory periods.
Second term: 2 lectures and 1 laboratory. *Professor Steppler*
Prerequisite: Math. 31 (Macdonald College) or its equivalent.

* To fulfil the M.Sc. requirements a student must take courses 60 and 64 and at least two others from those listed above. In addition he may be required to take a cognate subject.

61. HAY AND PASTURE CROPS
2 lectures and 2 laboratory periods for 1 term. *Professor Steppler*

62. CORN AND ROOT CROPS
2 lectures and 2 laboratory periods for 1 term.
Professors Brawn and Raymond

63. GRAIN CROPS
3 lectures and 3 laboratory periods for 1 term. *Professor Lods*

64. SEMINAR
Fortnightly during the year. *Professor Raymond and Staff*

DEPARTMENT OF ANATOMY

Professors	C. P. MARTIN, *Chairman*
	C. P. LEBLOND
Associate Professor	S. M. BANFILL
Assistant Professor	D. S. FORSTER
Lecturers	YVES CLERMONT
	PHOEBE L. COX
	N. J. NADLER

The department offers facilities for research work leading to the degrees of Master of Science and Doctor of Philosophy in Anatomy. The emphasis may be on Gross or Microscopic Anatomy.

QUALIFICATIONS FOR ADMISSION

For registration as a graduate student in Gross Anatomy, the candidate must hold a B.Sc. or M.D. degree and have completed with high standing the following courses in Anatomy at McGill (or their equivalent elsewhere): 1 (General Gross Anatomy), 2 (Neuro-anatomy), 6 (Histology), 8 (Embryology). Candidates for higher degrees will be required to repeat detailed study of general Gross Anatomy (course 1 or equivalent) at an advanced level.

For registration as a graduate student in Microscopic Anatomy, the candidate must hold a B.Sc. or M.D. degree and have displayed general proficiency in biological studies. During the first year, students will be required to complete the following courses with high standing: 6 (Histology), 7 (Experimental Morphology), 8 (Embryology), and to demonstrate the ability to conduct original research. During the following years, they will be required to extend their knowledge of Histology and to take Experimental Cytology (Genetics 53).

In both divisions, additional courses in anatomy or in cognate subjects may be required, in addition to the preparation of a thesis based on

original research. Ph.D. candidates will write a comprehensive examination after the end of the second year.

ADVANCED AND GRADUATE COURSES

4. ADVANCED NEURO-ANATOMY

2 evenings per week, first term. *Professor F. L. McNaughton (M.N.I.)*

5. PHYSICAL ANTHROPOLOGY

Times to be arranged. *Professor Martin*

6. EXPERIMENTAL MORPHOLOGY

(a) A seminar on theoretical problems of histology and histochemistry. 1 hour.

(b) A practical course on the planning of biological experiments, operative procedures on laboratory animals, histological techniques, histochemical reactions, radioactive elements (detection by radio-autographs and Geiger counter), photographic methods, etc. The practical course is limited to 6 students per year.

2 hours lecture and 4 hours laboratory per week. *Professor Leblond*

Experimental Cytology (Department of Genetics, Course 53)
Given jointly by the Departments of Anatomy and Genetics with the co-operation of the Departments of Biochemistry, Botany, and Zoology.

SCHOOL OF ARCHITECTURE

Associate Professors JOHN BLAND, *Director*
HAROLD SPENCE-SALES

COURSES FOR THE MASTER'S DEGREE

A. ARCHITECTURAL DESIGN

2 hours tutorial and 18 hours problems and reports per week, first term. *Professor Bland*

B. COMMUNITY PLANNING

2 hours tutorial and 18 hours problems and reports per week, first term. *Professor Spence-Sales*

(Note: An inter-departmental Committee of the Faculty of Graduate Studies and Research offers a programme of graduate training for those wishing to specialize in Community Planning. The Committee represents the Departments of Economics, Political Science, Geography, Law, Sociology, and Architecture. Specialized instruction in the form of a Graduate Seminar, Courses of Instruction, and Laboratory Work is offered by qualified members of the departments concerned. Candidates are required to meet the degree requirements of the departments in which they are registered.)

C. HOUSING
2 hours tutorial and 18 hours problems and reports per week, first term.
Professor Bland

D. SEMINAR IN COMMUNITY PLANNING
2 hours per week. *Professor Spence-Sales*

Candidates for the Master of Architecture degree will be expected to take the Seminar in Community Planning and one other course in addition to the thesis work.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Professor	E. G. D. MURRAY, *Chairman*
Associate Professors	G. G. KALZ
	J. W. STEVENSON
Assistant Professors	C. D. KELLY
	A. M. MASSON
Lecturers	JOAN A. DE VRIES
	D. A. GILLEN
	DINA GORDON
	F. M. PRISSICK
	RAISSA SILOV

GENERAL QUALIFICATIONS FOR ADMISSION

A B.Sc. degree with at least second class Honours in Bacteriology and Immunology, or the degree of M.D.,C.M. with high standing in Bacteriology, Immunology, and Pathology, from McGill University, is required. The equivalent from elsewhere is recognized but this must be supported by confidential letters of recommendation from professors familiar with the candidate's work.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who have satisfactorily completed the Honours course in Bacteriology as undergraduates may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department. Others may be required to spend two years in the Faculty of Graduate Studies and Research, the first of which will be taking a Qualifying Course comprising the Honours undergraduate Course 3 and such other courses as the Department approves. Candidates taking the Qualifying Course must reach a satisfactory standard in the examination at the end of the year to be permitted to proceed to the second year work. In cases where good and sufficient reason is shown, in terms of equivalent work, the Department may exempt a candidate from the Qualifying Year. Exemption from a Qualifying Year may be gained by

attaining second class marks in an Entrance Examination equivalent to the Examination for Honours in Course 3. Candidates are required to present one topic for a Seminar and to attend Course 6 and with due approval may attend other courses in the University Departments. The candidate is required to pass a general examination in Bacteriology and Immunology, including subjects dealt with in Course 6, and may be required to pass examinations in courses prescribed by the Department. These examinations together with a thesis on a research problem will determine the award of the Degree in accordance with Faculty regulations.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates for the Ph.D. degree may be required to have obtained a satisfactory class in their work for the M.Sc. degree (McGill).

Candidates are required each year to present one topic for a Seminar and attend Course 6 and may be required to attend cognate courses in other Departments. Candidates are required to pass a general examination in Bacteriology and Immunology, but will be judged principally on the ability they display in research.

Candidates will be occupied mainly in original research and the preparation of a thesis in accordance with Faculty regulations.

6. SPECIAL TOPICS IN BACTERIOLOGY AND IMMUNOLOGY

Lectures and discussions once a week. The topics vary from year to year.

SPECIAL FACILITIES

The courses given by the Department in the Faculty of Arts and Science and the Faculty of Medicine are available to candidates for the M.Sc. and Ph.D. degrees.

The practice of the Clinical Bacteriology services to the Hospitals is available to candidates as a means of instruction and a source of material for research and study.

DEPARTMENT OF BIOCHEMISTRY

Professors	D. L. THOMSON, *Chairman*
	J. H. QUASTEL
Associate Professors	O. F. DENSTEDT
	K. A. C. ELLIOTT
	R. D. H. HEARD
Sessional Lecturers	ESAU HOSEIN
	MARGARET PURVIS

Candidates who have satisfactorily completed the Honours course in Biochemistry as undergraduates may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department; others will usually require a qualifying year. Candidates for the M.Sc. or Ph.D. must pass a general examination in Biochemistry, but will be judged principally by the ability they display in research. Candidates for either degree are expected to attend the graduate courses listed below and may, according to their qualifications, be required to take undergraduate courses in Biochemistry or other cognate subjects. Research work will normally be carried on within the Department, where the main projects deal with blood chemistry and with the chemistry and metabolism of steroid hormones, but some students may be permitted to work on enzymology in the Montreal General Hospital Research Institute, or on brain metabolism in the Montreal Neurological Institute, or by special arrangement in other biochemical laboratories within the University.

ADVANCED UNDERGRADUATE COURSES

32. ENDOCRINOLOGY
1 hour. *Professor Thomson*

43. ADVANCED BIOCHEMISTRY
3 hours. *Professor Denstedt*

44a. NUTRITION
3 hours, first term. *Mrs. Purvis*

44b. PROTEIN PHYSICAL CHEMISTRY
3 hours, second term. *Professor Thomson*

45. OXIDATION AND METABOLISM
2 hours. *Professors Thomson and Quastel*

GRADUATE COURSES

61. RECENT ADVANCES IN BIOCHEMISTRY
1 hour, second term. The subject matter varies from year to year.
Text: West and Todd, Textbook of Biochemistry (Macmillan).

62 and 63. ADVANCED ENDOCRINOLOGY I AND II.
These alternating courses are given jointly with the Departments of Medicine and Anatomy and others, and in co-operation with the Institute of Experimental Medicine and Surgery of the University of Montreal.

Course 63 only will be given in 1953-54, and deals with nitrogen-containing hormones; course 62 deals with steroid hormones.

Texts: Selye, Textbook of Endocrinology; Pincus and Thimann, The Hormones (Academic Press).

70. SEMINAR

1 hour.

75. COMPREHENSIVE EXAMINATION FOR M.SC. DEGREE.

80. COMPREHENSIVE EXAMINATION FOR PH.D. DEGREE.

DEPARTMENT OF BOTANY

Professor	MURIEL V. ROSCOE, *Chairman*
Associate Professors	R. D. GIBBS
	E. R. WAYGOOD
Assistant Professors	G. H. N. TOWERS
	C. M. WILSON

Candidates who have satisfactorily completed the Honours course in Botany or its equivalent, if accepted, will enter immediately upon a programme of courses and research leading to either the M.Sc. or Ph.D. degree. (The Honours course in Botany consists of a minimum of six courses in advance of the elementary course, chosen from: Morphology, Taxonomy, Anatomy, Plant Physiology, Mycology, Plant Biochemistry, Genetics, Cytology, Economic Botany, and Microtechnique, with at least one course in Zoology and appropriate courses in Chemistry and Physics.)

Candidates who do not quite meet the requirements as set forth in the Honours Course may be accepted as full graduate students, but may be required to spend not less than two years on work for the M.Sc. degree.

Students with insufficient background to carry graduate work in Botany may enrol for a Qualifying Year and take such work as is prescribed up to a maximum of five full courses.

For the M.Sc. degree, a student must take a minimum of two full courses (or the equivalent in half courses) from those offered below. On the advice of the Director of Research one cognate course may be substituted. He will also carry out his research project and write a thesis. It is possible for well-qualified candidates to present themselves for the M.Sc. degree at the end of one year of graduate work.

For the Ph.D. degree, a student will take such additional courses as are required to round out his general background as well as those which relate to his particular line of specialization. In any case, he must take at least one course not included in his M.Sc. programme. Ph.D. candidates must pass a general examination in Botany and also demonstrate ability in research and preparation of a thesis.

The Department specializes in work bearing on comparative anatomy of vascular plants, morphology of reproduction, embryo-sac studies, cellular metabolism of plants with special reference to enzymic mechanisms in respiration and photosynthesis, comparative chemistry of plants as related to taxonomy, tree physiology, studies in the rust fungi, host-parasite relationships, and aeromycology.

Adequate laboratory and library facilities are available for research.

COURSES FOR HIGHER DEGREES

33. PLANT BIOCHEMISTRY
2 lectures; 2 laboratory periods. *Professor Gibbs*
(*Given in alternate years. Given in 1953-54.*)

41. MICROTECHNIQUE
1 lecture; two laboratory periods. *Professor Roscoe*

61. ADVANCED PLANT PHYSIOLOGY
2 lectures with laboratory. *Professor Waygood*

62. BIOCHEMICAL PLANT PHYSIOLOGY
2 lectures with laboratory *Professors Gibbs and Waygood*

63. PLANT ECOLOGY
Lecture, conference, field, and laboratory work. ————

64. MORPHOLOGY OF REPRODUCTION (Half course)
Lecture, conference, and laboratory work. *Professor Roscoe*

65. ADVANCED MYCOLOGY
2 lectures with laboratory. *Professor Wilson*

66. SPECIAL TOPICS (Full course or half course)
Prescribed reading, conference, and practical work on selected topics within Anatomy, Taxonomy, Phytogeography, Ecology, Mycology, etc.
The Staff

DEPARTMENT OF CHEMICAL ENGINEERING

Professor J. B. PHILLIPS, *Chairman*
Associate Professor WILLIAM GAUVIN
Lecturer ————

61. CHEMICAL ENGINEERING
3 hours. *Professor Phillips*

Selected topics from flow of fluids, heat transfer, diffusional operations, distillation, etc.; assignment of advanced problems. This course is open only to students who have had a previous course in Unit Operations.

62. MASS AND HEAT TRANSFER TO SMALL PARTICLES. The dynamics, physico-chemical properties, and thermodynamics of small particles. Application of the fundamental principles to the problem of mass and heat transfer in pneumatic transport, fluidization, spray drying and flash drying.

2 hours. *Professor Gauvin*

MASTER'S DEGREE IN CHEMICAL ENGINEERING

Students who hold a Bachelor's degree in Chemical Engineering have the option of studying for the Master of Science degree in Chemistry or the Master of Engineering degree in Chemical Engineering. Students who have completed the latter degree may apply to continue towards the Ph.D. in Chemistry.

The following courses are required for the Master of Engineering degree:

I. Chemical Engineering 61 or 62, with one of the following: Chemistry A, Chemistry 31 and 41, Chemistry 44.

II. One of the following: Chemistry N, Chemistry 35, Physics 34, Chemistry L and 46.

III. Chemical Engineering Colloquium.

IV. Thesis on a Chemical Engineering subject. The experimental work would be in heat transfer, distillation, absorption, extraction, drying, and applied physico-chemical problems.

DEPARTMENT OF CHEMISTRY

Professors	OTTO MAASS, *Chairman*
	W. H. HATCHER
	C. B. PURVES
	C. A. WINKLER
Associate Professors	J. H. MENNIE
	R. V. V. NICHOLLS
	ALFRED TAURINS
Assistant Professors	R. K. HOLCOMB
	A. S. ROSS
	H. I. SCHIFF

Special Lecturer — LEO YAFFE

Honorary Lecturers — W. BOYD CAMPBELL, S. G. MASON, J. H. ROSS

Adequate laboratory and library facilities are available for the courses listed below and for research. The Pulp and Paper Research Institute affords ample facilities for research on the structure and properties of carbohydrates, cellulose, lignin, wood, and pulp and paper.

If students admitted to the Graduate School have not taken the equivalent of any of the following courses it may be decided by the Department of Chemistry that they should do so.

31. ATOMIC STRUCTURE AND VALENCE THEORIES (Full course)
Two hours. *Professor Mennie*

34. KINETIC THEORY (Half course). Kinetic theory of gases; fundamental mathematical relations for molecular velocity, collision frequency, viscosity, thermal conductivity, diffusion, etc.; imperfect gases.
1 hour. *Professor Winkler*

Texts: Glasstone, Textbook of Physical Chemistry (Van Nostrand); Loeb, Kinetic Theory of Gases (McGraw-Hill).

34L. INTERMEDIATE PHYSICAL CHEMISTRY LABORATORY. Simple physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids, and solutions.
3 hours laboratory. *Professor A. S. Ross and demonstrators*

Text: Daniels, Mathews, Williams, Experimental Physical Chemistry, 4th ed. (McGraw-Hill).

35. THERMODYNAMICS (Full course). First and second laws, entropy, free energy, fugacity and activity, partial molal quantities, Debye-Huckel theory.
2 hours. *Professor Winkler*

Texts: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill).

40. CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS (Half course). Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical, and mechanical properties; experimental methods for controlling and determining structure of polymers; properties of commercially available materials; methods of fabrication.
1 hour. *Professor Nicholls*

41. INORGANIC CHEMISTRY (Full course)
2 hours. *Professor Mennie*

42. STEREOCHEMISTRY (Full course). Optical and geometrical isomerism with examples from carbohydrate, amino acid, steroid, alkaloid, and terpene chemistry. Walden inversion. Polarimetry. Steric hindrance.
2 hours. *Professor Taurins*

Prerequisites: Chemistry 24, 32.

42L. ORGANIC CHEMISTRY LABORATORY. For Honours Chemistry students only (Half course). Qualitative organic analysis. Identification and separation of mixtures of organic compounds.
First term: 9 hours laboratory *Professor Taurins and Demonstrators*

Laboratory Text: Shriner and Fuson, The Systematic Identification of Organic compounds, 3rd ed. (Wiley, 1948).

44. PHYSICAL CHEMISTRY (ADVANCED) (Half course). Chemical kinetics; rates of homogenous and heterogeneous reactions; activation energy; theories of reaction mechanisms; phase rule.
First term, 2 hours; second term, 1 hour.
Professors Winkler and A. S. Ross

Texts: Laidler, Chemical Kinetics (McGraw-Hill); Glasstone, Textbook of Physical Chemistry (Van Nostrand).

Reference book: Hinshelwood, Kinetics of Chemical Change (Oxford).

44L. ADVANCED PHYSICAL CHEMISTRY LABORATORY. More advanced physico-chemical methods applied to equilibria, reaction kinetics, colloids, and electrochemistry.
6 hours laboratory. *Professor A. S. Ross and Demonstrators*

Text: Daniels, Mathews and Williams, Experimental Physical Chemistry, 4th ed. (McGraw-Hill).

45. THERMODYNAMICS (ADVANCED) (Full course)
2 hours. *Professor Schiff*

Text: Sillén, Lange, and Gabrielson, Problems in Physical Chemistry (Prentice-Hall).

Reference Books: Lewis and Randall, Thermodynamics (McGraw-Hill); Klotz, Chemical Thermodynamics (Prentice-Hall); Paul, Principles of Chemical Thermodynamics (McGraw-Hill).

46. COLLOID CHEMISTRY (Half course). Descriptive thermodynamic and kinetic treatment of properties of surfaces, sols, emulsions, gels.
1 hour. *Professor A. S. Ross*

Texts: Hartman, Colloid Chemistry, 2nd ed. (Houghton-Mifflin); Weiser, Colloid Chemistry, 2nd ed. (Wiley); Adam, Physics and Chemistry of Surfaces, 3rd ed. (Oxford); Brunauer, Adsorption of Gases and Vapors, Vol. I (Princeton); Alexander and Johnson, Colloid Science (Oxford); Kruyt, Colloid Science (Elsevier).

47a. ELECTROCHEMISTRY (Half course). Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells, liquid junction potentials; overvoltage and polarization phenomena.

First term, 2 hours. *Professor A. S. Ross*

Texts: Kortüm and Bockris, Textbook of Electrochemistry (Elsevier); Glasstone, Introduction to Electrochemistry (Van Nostrand).

GRADUATE COURSES

A. THEORETICAL ORGANIC CHEMISTRY. Interpretation of single and multiple bonds, molecular structure, and reactivity of organic compounds in terms of electronic structure, resonance, and molecular orbitals. Mechanisms of organic reactions, ionic and free radical, including substitution, addition, rearrangement, and polymerization.

3 hours per week. *Professor Taurins*

B. ADVANCED TOPICS IN ORGANIC CHEMISTRY. Application of physical properties to determination of molecular structure; chemistry of heterocyclic structures containing oxygen and nitrogen; methods for structure determinations of complicated organic molecules.

2 hours per week. *Professors Purves, Nicholls, and Taurins*

F. RADIOCHEMISTRY. Nuclear properties; semi-empirical mass formula; isobaric behaviour; modes of radioactive decay; nuclear reactions; compound nucleus; cross-sections; high energy reactions; instruments and techniques used in measurement and study of radiations; methods of isolation, concentration, and identification of radioactive nuclides; chemistry of low concentrations; some applications of radioactive tracers.

Dr. Yaffe

J. COLLOQUIUM—ORGANIC

1 hour per week. *Professors Purves, Nicholls, and Taurins*

K. COLLOQUIUM—INORGANIC AND PHYSICAL

2 hours per week. *Professors Maass, Winkler, and Schiff*

L. CELLULOSE, LIGNIN, AND RELATED COMPOUNDS. Evidence that cellulose is a linear macromolecule; methods for estimating distribution of molecular

weights, and nature of supermolecular structure; behaviour of cellulose during various types of chemical reactions; chemistry of non-cellulose components of wood.

2 hours per week. *Professor Purves*

N. CHEMICAL PHYSICS. Critical and original essays are required on various subjects such as chemical kinetics, photochemistry, molecular structure, etc.

2 hours per week. *Professor Winkler*

APPLICATIONS FOR ADMISSION

In addition to official transcript (in duplicate) of the academic record, the Department of Chemistry requires two confidential letters of recommendation from professors familiar with the applicant's work, and a small, unmounted photograph.

Those students in the Graduate School who are awarded demonstratorships are required to devote not more than 12 hours of instruction in undergraduate laboratories per week during the academic session.

REQUIREMENTS FOR THE MASTER OF SCIENCE DEGREE

I. Students are required to take examinations in (a) Organic, (b) Inorganic, (c) Physical, (d) Colloid Chemistry, and other assigned courses, if any.

II. Colloquium.
Each student is required to participate in Research Colloquia which are held bi-monthly. These involve the presentation and discussion of papers dealing either with the student's own research or with recent research publications.

III. Thesis.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

I. The research work in this Department may conveniently be considered under the following heads:

(a) Organic Chemistry, (b) Inorganic Chemistry, (c) Physical Chemistry, (d) Colloid Chemistry, (e) Cellulose Chemistry. One of these (under which the research falls) is designated the "principal subject" and each of the others a "secondary subject." Graduate students are required to take examinations in both "principal" and "secondary" subjects.

Principal Subjects: Several examinations are held. Students are responsible for the subject matter of all related lecture courses and assigned reading. Cognate courses given in other Departments may be assigned and examinations required.

Secondary Subjects: The examinations are less rigorous than those in the principal subject. The subject matter is more clearly defined and may include suitable lecture courses or texts, or both.

II. Colloquium—as for M.Sc., see above.

III. Thesis and Oral Examination.

EXAMINATIONS IN CHEMISTRY

Principal Subjects:

An examination is held in May of the Second year. Additional special examinations may be held during the Third year.

Secondary Subjects:

1. All examinations are available in May and September for candidates in the first two years.

2. A supplemental examination in any subject may be taken only on recommendation by the Department.

3. Examinations in all subjects must be passed before the candidate enters his final year, except in special circumstances and then only with the approval of the Department.

4. For candidates entering the final year, the September examinations are supplemental examinations only.

General:

1. A candidate who may wish to take examinations in any one or more secondary subjects in September of his entrance year is advised to consult the Chairman of the Department as soon as possible.

2. In a secondary subject a Master of Science examination at McGill will be accepted as a Preliminary Ph.D. examination provided the standard required by the Department is obtained.

3. Students registering for an M.Sc. degree may continue to the Ph.D. without a Master's thesis if sufficient promise is shown.

Also, candidates who believe they have the necessary qualifications may apply to the director of their research for exemptions from examinations in secondary subjects. Such qualifications include a high standing

in an examination taken at McGill or other University in the secondary subject. The approval of the Department is necessary for this exemption. Only one such exemption can be granted but substitution of other approved courses for secondary subjects in which the Department considers a candidate has reached the required standard is permitted.

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

Professors	R. E. Jamieson, *Chairman* Carleton Craig
Professor (post-retirement)	R. DeL. French
Associate Professors	L. J. Arcand J. L. DeStein
Assistant Professors	G. W. Joly Andrejs Pakalnins

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

60. STATICALLY INDETERMINATE STRESSES
First term, 2 hours tutorial, and 6 hours computation and reports.
Professor Jamieson

61. TECHNICAL ELASTICITY.
First term, 2 hours tutorial, and 6 hours computation and reports.
Professor Jamieson

62. SECONDARY STRESSES
First term, 2 hours tutorial, and 6 hours computation and reports.
Professor DeStein

63. HIGHWAY ENGINEERING
4 hours tutorial, and 12 hours computation and reports.
Professor Pakalnins and Staff

64. HYDRAULICS
First term, 2 hours tutorial, and 6 hours computation and reports.
Professor Craig

Candidates for the M.Eng. degree will be expected to take at least two courses in addition to thesis work.

DEPARTMENT OF CLASSICS

Professor C. H. CARRUTHERS, *Chairman*

Associate Professors E. M. COUNSELL
P. F. MCCULLAGH

Assistant Professor C. D. GORDON

COURSES FOR THE DEGREE OF MASTER OF ARTS

CLASSICS 60. STATE AND INDIVIDUAL: POLITICAL AND ETHICAL CONCEPTS OF THE GREEKS AND ROMANS.

An intensive study of selected source material (Greek and Latin), illustrating various stages of ethical and political thought in the ancient world.

2 hours colloquia. *Professor McCullagh*

GREEK 61. HISTORY OF THE EPIGRAM

2 hours colloquia. *Professor Carruthers*

GREEK 62. READINGS IN THE GREEK HISTORIANS

3 hours. *Professor Gordon*

LATIN 70. LUCRETIUS

3 hours. *Professor Carruthers*

LATIN 72. LATIN EPIGRAPHY AND PALAEOGRAPHY

2 hours colloquia. *Professor Carruthers*

LATIN 73. LATIN OF THE SILVER AGE

2 hours colloquia. *Professor Counsell*

COURSES IN COMPARATIVE PHILOLOGY

Professor C. H. CARRUTHERS

80. INTRODUCTION TO THE STUDY OF LANGUAGE (LINGUISTICS 21)

81. LATIN HISTORICAL GRAMMAR

82. GREEK HISTORICAL GRAMMAR

83. ELEMENTARY SANSKRIT

84. GREEK DIALECTS

85. OSCAN AND UMBRIAN

All courses except No. 80 are colloquia of two hours weekly. Course No. 80 is listed as Linguistics 21 in the announcement of the Faculty of Arts and Science, and is open to graduate or undergraduate students.

Subjects for M.A. theses must be determined in consultation with the Department.

FACULTY OF DIVINITY

Professors J. S. THOMSON, *Dean*
G. B. CAIRD
R. B. Y. SCOTT
R. H. L. SLATER
W. C. SMITH

Associate Professor H. H. WALSH

Requirements for admission to the course leading to the degree of *Sanctæ Theologiæ Magister* (S.T.M.) are stated on page 2625. The usual rules and regulations of the Faculty will apply. In the special field of Comparative Religion, the M.A. degree is also offered, for candidates who do not have the B.D. or its equivalent.

The staff is prepared to offer a selection from the following list of courses, and to guide students in thesis research on approved topics, within each of the following fields: Old Testament language and literature; New Testament language and literature; Systematic Theology, including Christian Ethics; Philosophy and Psychology of Religion; Church History; and Comparative Religion. To each approved student appropriate courses (approximately three) will be assigned, on occasion including courses offered by other Departments such as Philosophy, History, Classics, or Islamic Studies. Graduate students in these Departments may be permitted or required to take courses currently offered in Divinity.

Adequate library facilities are available in Divinity Hall and elsewhere for the courses listed, and for research.

COURSES FOR THE S.T.M. DEGREE

60. ANTE-NICENE THEOLOGY. The development of Christian thought in the early centuries: its relation to Christian experience and pagan challenge: a study of the sources, including the writings of the Apostolic Fathers, the Apologists, Irenaeus, Tertullian, Clement of Alexandria, and Origen, with papers and discussions. Special consideration will be given to the doctrine of the Person of Christ and its implications for Revelation.
Seminar—2 hours. *Professors Slater and Thomson*

61. THE DOCTRINE OF THE TRINITY.
2 hours. *Professor Slater*

62. THE HISTORY OF THE DOCTRINE OF THE ATONEMENT. The doctrine in terms of its historical development. Origins will be studied in the Old and New Testaments. Details study will be made of the following works:

Athanasius, *De Incarnatione;* Anselm, *Cur Deus Homo;* Grotius, The Satisfaction of Christ; McLeod Campbell, The Nature of the Atonement; A. Ritschl, Justification and Reconciliation; J. Denney, The Christian Doctrine of Reconciliation; E. Brunner, The Mediator. For general study of the history of the doctrine: Rashdall, The Idea of Atonement in Christian Theology; R. S. Franks, The History of the Work of Christ.

2 hours. *Professor Thomson*

63. THE PHILOSOPHY OF PLOTINUS. The philosophy of Mysticism with particular reference to the writings of Plotinus. There will be some study of his precursors in Greek philosophy and his influence on subsequent religious thought.

Texts: Selections from the writings of Plotinus; W. R. Inge, The Philosophy of Plotinus; T. H. Hughes, The Philosophic Basis of Mysticism.

2 hours. *Professor Thomson*

64. CHRISTIAN EXISTENTIALISM. A critical study of the modern movement in philosophy known as *Existentialism* with particular reference to the philosophy of religion and Christian theology.

2 hours. *Professor Thomson*

70. THE TEACHING OF JESUS. The Ethics of Jesus considered in relation to his teaching concerning the Kingdom, sin and forgiveness, his own death, and the Church.

2 hours. *Professor Caird*

71. THE CHRISTOLOGY OF THE NEW TESTAMENT.

2 hours. *Professor Caird*

72. THE APOSTOLIC AGE

2 hours. *Professor Caird*

80. THE DEAD SEA SCROLLS OF ISAIAH. (1) Reading of the Scrolls from facsimile plates and comparison with the Massoretic text, as a study in Hebrew palaeology and textual criticism; and (2) Examination of the scientific periodical literature relating to the discovery and dating of the Dead Sea Scrolls, as a study in Biblical archaeology and historical criticism.

2 hours. *Professor Scott*

81. ISAIAH, CHAPTERS 1 - 39. A study of the passages in Massoretic and Septuagint texts; translation problems; literary-critical analysis in detail.

2 hours. *Professor Scott*

82. ECCLESIASTES. A study of the Massoretic text and ancient versions: translation problems, in the light of the hypothesis of an Aramaic original: the philosophy of Qohaleth.

2 hours. *Professor Scott*

83. THE TERM "RIGHTEOUSNESS" IN THE OLD TESTAMENT. A philological and semantic investigation of the use of the words for "Righteousness" in the Hebrew Bible and in the Septuagint.

2 hours. *Professor Scott*

90. INTRODUCTION TO CANADIAN CHURCH HISTORY. The origins of the various churches in Canada.

2 hours. *Professor Walsh*

91. PROBLEMS OF CHURCH AND STATE. A study of the relations of Church and State during the revolutionary period in France.

2 hours. *Professor Walsh*

COURSES IN COMPARATIVE RELIGION FOR THE S.T.M. AND M.A. DEGREES

101. HISTORICAL DEVELOPMENT OF ISLAMIC THEOLOGY. An endeavour to understand and appreciate significant attempts of Muslims at different periods in the past to give intellectual expression to their faith. Special reference to the Mu'tazilah (with examination of the concepts 'orthodox' and 'unorthodox'), al-Ash'ari, al-Ghazzali, al-Taftazani. Consideration of the role in Islam of such intellectual expression—alongside of, or in contradistinction from, other modes of expression, artistic, mystical, and, particularly, moral and social (the Law).

2 hours. *Professor Smith*

102. ISLAM AND THE MODERN WORLD. A study of recent and contemporary developments, religious and socio-religious, among Muslims. A country-by-country survey from Morocco to Indonesia. Special reference to Turkey (Zia Gök Alp; religion and the revolution; religion under the Republic), Egypt (Muhammad 'Abduh; the contemporary modernists; al-Ikhwan al-Muslimun; the Azhar today) and Indo-Pakistan (Sir Sayyid Ahmad Khan, Iqbal, Azad; the Aligarh movement, the Khilafat movement, the Muslim League; Pakistan constitutional issues; Muslims in the new India). The general position, both philosophic and political, of Islam in the twentieth century.

2 hours. *Professor Smith*

(*Not given in 1953-54.*)

103. SEMINAR IN COMPARATIVE RELIGION. The multi-religiousness of mankind, considered socio-politically, philosophically, and, from the viewpoint of each of the major world faiths, theologically.

Note: This seminar will not be held unless members of at least two different religions participate.

2 hours. *Professor Smith*

104. THE SIGNIFICANCE OF "NIRVANA" with special reference to Hinayana Buddhism.

2 hours. *Professor Slater*

105. CHRISTIANITY AND BUDDHISM

2 hours. *Professor Slater*

The courses in Islamic religion are given in conjunction with the Institute of Islamic Studies (*see page 2695*). Other courses will be made available if qualified students present themselves.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

Professors	E. F. BEACH, *Chairman*
	F. C. JAMES
	B. S. KEIRSTEAD
	D. L. MACFARLANE
	D. B. MARSH
	H. D. WOODS
Visiting Professor	EUGEN ALTSCHUL
Associate Professors	J. T. CULLITON
	J. R. MALLORY
Assistant Professors	K. B. CALLARD
	J. H. DALES
	M. C. KEMP
	J. C. WELDON
Lecturer	D. W. CARR

GRADUATE SEMINARS IN ECONOMICS

60. ECONOMIC HISTORY. The discussion in this seminar will, each year, centre around a single theme, the topic being one that lends itself to both a theoretical and historical approach.

For 1953-54 it is proposed to study population problems. The following topics will be included in the programme and discussed in the order mentioned: Modern demographic concepts and techniques; population growth and theories in Northwestern Europe up to 1800; the Malthusian theory and population problems during the early industrial period; European migrations and the settling of North America and other areas up to 1914; modern population theories and problems.

The material for the first two topics will be presented by the instructor; the remaining part of the work will proceed by way of discussion based on papers prepared by members of the group.

Second term. *Professor Dales*

61. THE THEORY OF THE FIRM. A specialized study of the theory of the process of the firm.

First term. *Professor Keirstead*

62. INTERNATIONAL ECONOMICS. Selected problems in the theory of international trade and foreign exchange.

Second term. *Professor Marsh*

63. AGRICULTURAL ECONOMICS. The nature of agricultural production; the economics of size in agriculture; intensity of production; the pricing mechanism for farm products; agriculture in world commerce, FAO, ITO; the role of agriculture in the Canadian economy; economic problems confronting the Canadian farm industry.

First term. *Professor Macfarlane*

64. MACRO-ECONOMICS. Determinants of the general levels of income, employment, prices, production; economic fluctuations; economic trends; under-employment equilibrium and secular stagnation; conditions of economic progress; fiscal and monetary policies for maintaining full employment and preventing inflation.

First term. *Professor Altschul*

65. ECONOMETRICS. The application of mathematics and statistics to the study of economics. An acquaintance with calculus and elementary statistics is assumed.

Second term. *Professors Beach and Weldon*

66. AGRICULTURAL POLICY. The objectives of policy and the use of economic analysis as a guide to the appraisal and formation of agricultural policy; means of contributing to a solution of the problems confronting agricultural producers; the pricing of farm products; the resource and income

problems; methods of achieving greater stability for agriculture and of facilitating economic progress.

Second term. *Mr. Carr*

Prerequisite: Economics 63.

67. LABOUR ECONOMICS. Special problems of labour and management.

Second term. *Professors Woods and Weldon*

68. POLITICAL THEORY

First term. *Professor Callard*

Prerequisite: Political Science 311 or its equivalent.

69. POLITICAL INSTITUTIONS. A problem in Canadian Federalism.

Second term. *Professor Mallory*

71. THEORY OF ECONOMIC CHANGE. Methodological critique of theories of economic change, restatement of problems for analysis, analytical study of models involving population and technological changes in the economy as a whole.

First term. *Professor Keirstead*

73. ADVANCED MONETARY THEORY

Second term. *Professor Marsh*

74. WELFARE ECONOMICS. This course is intended for graduate students who have had a course in advanced theory and who, in particular, are well acquainted with modern demand theory. It is intended as a supplement to descriptive and analytical economics.

First term. *Professor Kemp*

76. PUBLIC ADMINISTRATION. A problem of contemporary administrative interest will be selected for analysis. The exact topic will be announced later.

Second term. *Professor Callard*

77. RESEARCH PROBLEMS. A seminar on research problems, not taken for course credit.

Both terms. *The Staff*

78. REGIONAL PLANNING (ARCHITECTURE B). A seminar on the problems of regional planning, not for course credit.

Both terms. *The Inter-Departmental Committee on Regional Planning*

Students who have obtained at least second class standing in the honours B.A. course in Economics and Political Science in McGill University, or who have completed at least three full courses in Agricultural Economics at Macdonald College and at least two full courses in Economics and Political Science at McGill, with at least second class standing, are eligible for admission to the M.A. course. Students who hold the B.Com. from McGill with at least second class standing over-all and in all the required courses in Economics are eligible for admission to the M.Com. course. Students with equivalent qualifications from other approved institutions are also admissible.

REQUIREMENTS FOR THE MASTER'S DEGREE

Candidates for the Master's degree must pass the examinations set on the work of two of the Seminars listed above. In addition all candidates are required to prepare themselves, under the direction of a member of the Department, for a Comprehensive Oral Examination in three fields of study, one of which must be Political or Economic Theory. The results of these examinations will determine not only the candidate's qualifications for the Master's degree, but also if he may continue for doctoral study. A pass for the Master's degree does not necessarily imply permission to proceed for the doctorate.

Preparatory work for the Comprehensive Oral Examination. In preparing for the Oral Examination candidates will follow courses of reading or lectures which their directors of research may consider necessary in each individual case. For those preparing in Economic Theory a special colloquium is offered which aims at reviewing the main concepts of contemporary economic theory. This colloquium is conducted by Dr. Beach.

Optional Fields for the Comprehensive Oral Examinations:

Economic Theory; Economic History; Economic Policy; Money and Banking; Labour Economics, International Economics; Agricultural Economics; Economics of Transportation; Political Theory; Comparative Government; American Government; British Commonwealth Governments; Canadian Government; Public Administration; International Law and Organization.

A Thesis on an approved subject is required.

REQUIREMENTS FOR THE Ph.D. DEGREE

Students who have achieved high standing in the M.A. in Economics, or Political Science, or the M.Com., at McGill University, or have equivalent qualifications, may be permitted to proceed to the Ph.D. in two further years, one of which may be spent at an approved institution elsewhere. Students from institutions other than McGill are required, in their first

year of residence, to pass the two seminars prescribed for the Master's degree. All candidates for the Ph.D. must pass a comprehensive oral examination in three fields of study, one of which must be Political or Economic Theory. The examination must be offered from among the fields of study enumerated under *Requirements for the Master's Degree*, and is set at a higher standard than that required for the Master's degree. All doctoral candidates must pass an examination in unseen translation from authors in two modern languages other than English. French-speaking candidates may translate into French, but in that case one of the languages from which they translate must be English. A Thesis on an approved subject is required.

McGill University is now prepared to offer instruction at the Master's level in all the usual branches of Economics and Political Science. For the Ph.D., however, McGill is prepared to accept candidates only in the following branches: Economic Theory, Public Finance, Fiscal and Monetary Policy; Banking; International Trade; Employment Theory; Labour Economics, including wage theory and policy; Regional Economics and Economic Geography; Agricultural Economics; Political Theory; Legal Theory; Comparative Government and Comparative Legal Systems; Canadian Government and Constitution; Commonwealth Governments and Commonwealth Relations.

GRADUATE PROGRAMMES IN CO-OPERATION WITH OTHER DEPARTMENTS

The general requirements of the Department for the Master's degree, viz. the Comprehensive Oral Examination (including the required subject in political or economic theory), the two required Seminars, and the Thesis, must be met by all candidates. The two following programmes for candidates with specialized interests are offered in co-operation with other Departments in the Faculty of Graduate Studies.

1. COMMUNITY PLANNING

An inter-departmental Committee of the Faculty of Graduate Studies offers a programme of graduate training for those wishing to specialize in Community Planning. The Committee represents the Departments of Architecture, Engineering, Geography, Sociology, and Economics and Political Science. Specialized instruction in the form of a Graduate Seminar, Courses of Instruction, and Laboratory Work is offered by qualified members of the Departments concerned. Candidates are required to meet the degree requirements of the departments in which they are registered. Students in Economics and Political Science will offer the Seminar in Community Planning (listed as Course No. 78 above) as one of the required Seminars for the degree, and will write a thesis on a topic related to Community Planning.

2. INTERNATIONAL RELATIONS

Candidates wishing to specialize in International Relations will be expected to meet the normal degree requirements of the Department, while offering International Law and Organizations as one of the fields for the Comprehensive Examination, and writing a thesis on an approved topic in international relations. Supplementary courses of interest to students in International Relations may be found in the Department of History, Faculty of Law, and Department of Geography, and in the Institute of Islamic Studies in the Faculty of Divinity. Students who require them may take such courses, with the consent of the department concerned. Where appropriate Graduate Seminars are offered, as in the Faculty of Law, they may, with the consent of the department or faculty concerned and the Department of Economics and Political Science, be offered in fulfillment of the Seminars required in Economics or Political Science.

NOTE FOR CANDIDATES FROM THE UNITED STATES OR ABROAD

Candidates from the United States or elsewhere are advised that a Canadian honours degree in Economics and Political Science ordinarily comprises a reasonable acquaintance with the theoretic literature in both fields, a knowledge of the development of the science, and some degree of specialization in one field or the other.

DEPARTMENT OF EDUCATION

Professor JOHN HUGHES, *Chairman*
Associate Professor A. B. CURRIE

CONDITIONS OF ADMISSION

Candidates for the degree of M.A. in Education must show (a) that they have satisfied the general conditions for registration as candidates for the M.A. degree as laid down on page 2622 of the Announcement, or achieved distinction in the general course; (b) that they have attained a high standard (i.e. at least good second-class standing) in the work of the graduate year of training for the Teacher's High School Diploma, or its equivalent. On occasion, however, specially selected students may be permitted to work concurrently for the High School Diploma and for the M.A. degree in some relevant subject; in such cases the work for the M.A. must be spread over at least two years.

Candidates must also have done work in Psychology that is adequate for the needs of the M.A. course in Education, or else must complete an approved course in Psychology as part of their M.A. course. They must also supply a satisfactory report showing their standing in the Graduate Record Examination; if this is impossible, they may be admitted conditionally and required to attempt this examination at the first opportunity.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Candidates are required to take (a) two of the seminar courses 61, 62, 63; (b) the directed study courses 64, 65; (c) an approved *advanced* three hour course in Philosophy or in Psychology; and to prepare an adequate thesis. In special cases an approved course in Educational Psychology may be substituted for course 61, in which case Philosophy will be required in (c) above.

61. SECONDARY EDUCATION

62. COMPARATIVE EDUCATION

63. BILINGUAL EDUCATION

64. HISTORY OF EDUCATION IN CANADA

65. A SELECTED TOPIC IN GENERAL HISTORY OF EDUCATION

Every one of these courses meets for one and a half hours weekly. For the convenience of School Inspectors, Supervisors, Principals, and others, the courses are planned for Friday evenings and Saturday mornings.

DEPARTMENT OF ELECTRICAL ENGINEERING

Professors G. A. WALLACE, *Chairman*

Associate Professors R. A. CHIPMAN
F. S. HOWES
W. H. SCHIPPEL

Advanced courses of instruction and laboratory facilities are available for graduate students desiring to proceed to the Master of Engineering degree in either Electric Power or Electrical Communication Engineering, or to the Ph.D. degree in Electrical Communication Engineering.

The undergraduate communication engineering option, as given at McGill, involves, in addition to the regular courses in electric power engineering, 48 hours of lectures and 36 hours of laboratory in electron

tubes and circuits; 48 hours of lectures in telephone transmission, radio-frequency lines, and wave guides; 48 hours of lectures and 144 hours of laboratory in radio engineering; 24 hours of lectures in applied acoustics; and 12 hours of lectures and 36 hours problems in radio design. Candidates for the M.Eng. degree in communication engineering, who come to McGill from other institutions, are expected to have had the equivalent background of training. Candidates without this preparation, who are otherwise qualified, may make up their deficiency in a qualifying year.

I. ELECTRIC POWER ENGINEERING

Courses

G401. POWER SYSTEM STABILITY — *Professor Schippel*

G402. ELECTRIC MACHINE DESIGN — *Professor Schippel*

G403. INDUSTRIAL CONTROL DEVICES — *Professor Schippel*

G404. INDUCTIVE COORDINATION — *Professor Wallace*

G405. POWER SYSTEMS PROTECTION

G406. ELECTRICAL POWER TRANSMISSION AND DISTRIBUTION

Courses G401, G402, G403, and G406 each consist of two lectures per week throughout the session, together with such reading and problems as may be assigned by the instructor. Courses G404 and G405 each consist of two lectures per week for one term, with associated reading and problems.

Course Requirements

All students proceeding to the Master of Engineering degree in Electric Power Engineering are required to take course G411 or its equivalent in Applied Mathematics, together with such other courses from the above list as may be deemed necessary for progress in the special field of the student's interest and research.

Research

Facilities are available for studies in the following fields:

(a) Power System Stability.

(b) Design and Operation of Electric Power Equipment.

(c) Industrial Control, including Electronic Control Devices.

(d) Protection of Electric Power Systems.

(e) Electrical Measurements.

II. ELECTRICAL COMMUNICATION ENGINEERING

Courses

G.411*	APPLIED MATHEMATICS	*Professor P. R. Wallace (Department of Mathematics)*
G.412*	OPERATIONAL CALCULUS AND MATRIX ALGEBRA	*Professor Edward Rosenthall (Department of Mathematics)*
G.413*	ENGINEERING ACOUSTICS	***Professor Howes***
G.414	RADIO EQUIPMENT DESIGN	*Professor Howes*
G.415	THEORY OF ANTENNAS	
G.416	CIRCUIT ANALYSIS AND SYHTHESIS	*Mr. T. J. F. Pavlasek*
G.417*	MICROWAVE THEORY AND TECHNIQUES	*Professor Chipman*
G.418*	INFORMATION PROCESSING EQUIPMENT I (DIGITAL COMPUTORS)	*Mr. George Glinski*
G.419*	PRINCIPLES OF SERVOMECHANISMS	*Professor H. G. I. Watson (Department of Physics)*
G.420*	GRADUATE SEMINAR	*Professors Howes and Chipman*
G.421	COMMUNICATION TRANSMISSION THEORY	*Mr. E. S. Kelsey*
G.422	INFORMATION PROCESSING EQUIPMENT II (ANALOGUE COMPUTORS)	*Mr. George Gliniski*
G.423*	PULSE CIRCUIT THEORY AND TECHNIQUES	*Mr. G. W. Farnell*

and the following courses offered at Carleton College in Ottawa.

G.424	ANTENNA DESIGN	*Dr. H. Gruenberg*
G.425	RADIO RECEIVER DESIGN	*Dr. C. W. McLeisch*
G.426	PRINCIPLES OF SERVOMECHANISMS	*Mr. N. L. Kusters*
G.427	APPLIED MATHEMATICS	*Dr. A. F. Dunn*
G.428*	COMPLEX VARIABLE AND OPERATIONAL CALCULUS	
G.429*	ELECTRIC AND MAGNETIC PROPERTIES OF MATTER	*Dr. A. E. Douglas*
G.430*	RADIATION THEORY	*Mr. J. W. Cox*
G.431*	VIBRATION AND SOUND	*Dr. G. J. Thiessen*
G.432	INFORMATION PROCESSING EQUIPMENT I	*Mr. George Glinski*
G.433*	INFORMATION PROCESSING EQUIPMENT II	*Mr. George Glinski*

**To be offered in 1953-54 session.*

The above courses listed under II are all given in the evening. Each involves one two-hour lecture per week. With the exception of courses G.418, 422, 424, 425, 432 and 433 which are one term courses, all of the above run through the session.

Course Requirement

The course requirement for the Master's degree in Electrical Communication Engineering is course G411, or its equivalent in Applied Mathematics, and any three of the other courses listed.

Participation in the Graduate Seminar (G420) is required of all candidates for the Master's degree in Communication Engineering in their final year.

Research

Facilities are available for research in the following fields:

(a) Circuits—Audio Frequency and High and Ultra-High Radio-Frequency.

(b) Micro-wave measurements.

(c) Radio noise studies.

(d) Antenna problems.

(e) Electro-mechanical transducers.

(f) Pulse-testing problems.

(g) Acoustical measurements.

III. THESIS REQUIREMENT

In addition to the course requirement for the Master's degree, the student is required to submit a thesis based on his own research or development work in connection with some suitable problem in the broad fields of Electric Power or Communication Engineering. The subject of the thesis must be approved by the Department of Electrical Engineering at the beginning of the year in which it is to be submitted.

IV. GRADUATE EVENING COURSES IN ELECTRICAL ENGINEERING

Graduate engineers engaged in research, design, and development work in the fields of Power and Communication Engineering require more advanced training in mathematics, field theory, and circuit theory than can be included in undergraduate courses. In addition, there are many special phases of communication engineering which require, for their mastery, such advanced training.

In order to meet this need many of the graduate courses are given in the evening, but some of them are offered only in alternate years.

All of the courses listed under II above are given in the evening and are available to graduates employed in industry. Students so employed during the day are permitted to take not more than two courses per session.

In the field of Communication Engineering, graduate evening courses are also given in Ottawa by special lecturers attached to the staff of McGill University.

It is now generally recognized that these courses provide a necessary supplement to undergraduate training in communications and, in addition, provide the opportunity for graduates to complete the course requirement for the Master of Engineering degree while gainfully employed.

Registration

Evening students who wish to proceed to the Master's degree are not permitted to register with the Faculty of Graduate Studies and Research until they have completed the four required courses with an average mark of not less than 75 per cent. They may then make application to the Department of Electrical Engineering for acceptance as graduate students in that department, and if they are accepted, they may proceed with registration in the Faculty of Graduate Studies and Research.

Thesis

The general requirements for the thesis are those shown under Section III. Under certain circumstances, an evening course student may be permitted to base his thesis on research done in an industrial laboratory.

Residence Requirement

At least one full session of resident study at McGill University is required of a candidate for a Master's degree. Evening students who attend classes at McGill may be exempted from the residence requirement when they have completed the course requirement. Students who take their course work in Ottawa are required to spend a session at McGill which may be largely devoted to research and thesis preparation. Candidates for the Master's degree who are graduates of McGill and who are Civil Service employees of two or more years standing may have their residence requirement reduced to a half session only.

Fees

Fees paid by an evening course student for courses which he successfully completes will be credited toward the general graduate fee should he subsequently be accepted as a graduate student in the Department of Electrical Engineering.

V. REQUIREMENTS FOR THE PH.D. DEGREE IN ELECTRICAL ENGINEERING

This degree is at present available only in the field of Communication Engineering.

(1) All the general regulations of the Faculty of Graduate Studies and Research for the degree of Ph.D. will apply.

(2) Candidates for the degree of Ph.D. in Electrical Engineering will be accepted only after they have obtained the M.Eng. degree in Electrical Engineering at McGill University or its equivalent from another institution, and their acceptance will depend on the standing obtained with the M.Eng. degree.

(3) A minimum of four courses of graduate level must be completed beyond the Master's degree. Of these one must be in advanced mathematics, one in physics, one in an engineering subject, and the fourth may be in any of these three fields or in some other field particularly relevant to the thesis topic of the student.

All four courses are to be chosen, in consultation with staff members, to augment most appropriately the previous work of the student.

The courses must be completed at least 12 months before the date on which the degree is obtained.

When it is planned to spread the Ph.D. programme over more than two years beyond the Master's degree, at least one course should be taken in each year except the final one.

(4) A general oral examination covering the field of electronics and communication engineering will be held not less than 12 months prior to the expected date of graduation. If the results of this are not satisfactory, written examinations may be assigned, at the discretion of the department staff.

(5) After the acceptance of the thesis an oral examination covering its contents and related material will be held.

(6) Students registering for the Master's degree who have any thought of possibly proceeding to the Ph.D. degree are advised, particularly if their Master's degree work covers more than one academic session, to attempt at least one of the Ph.D. language examinations before registering for the Ph.D. degree. They may also be permitted, subject to departmental approval, to take one or two of the additional courses required for the Ph.D. degree, in the second or later years of their Master's degree work.

DEPARTMENT OF ENGLISH

Professors	G. I. Duthie, *Chairman* H. G. Files
Associate Professors	Joyce Hemlow Hugh MacLennan
Assistant Professors	Constance Beresford-Howe Stephen W. Porter S. Ernest Sprott
Lecturers	Louis Dudek Winifred I. Potter

UNDERGRADUATE PREREQUISITES

Applicants for admission to the Faculty as candidates for the M.A. degree are reminded that, in addition to holding the B.A. degree, they must have obtained at least a second class in the English Honours course at McGill University, or its equivalent elsewhere. An undergraduate candidate for Honours in English at McGill normally takes, in the second, third, and fourth years, a series of courses which deal with the development of English literature from the fourteenth century to the present day, besides several other courses in English and/or in cognate subjects. Students who in the opinion of the Department clearly lack the equivalent of this training may be permitted by the Dean and the Department to take a qualifying year.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Candidates for the degree of M.A. in English must take four courses, of which not more than two may be from section A below. At least one must be chosen from B and one from C. A thesis must be written on some subject approved by the Department. Any student who has not had the equivalent of English 300 (Old English) will be required to take that course.

A

COURSES FOR UNDERGRADUATES AND GRADUATES

For fuller details of these courses see Announcement of Faculty of Arts and Science.

Any courses listed in this section which are not offered in the session of 1953-1954 will normally be offered in the following session.

Graduates choosing any of these courses may be asked to undertake some reading and research not required of undergraduates.

300. OLD ENGLISH — 3 hours

English Language and Literature up to the Norman Conquest. In the first term, readings from Anglo-Saxon prose; in the second term, a study of heroic poetry. The texts used are Bright's *Anglo-Saxon Reader*, and Klaeber's edition of *Beowulf*.

305a. CHAUCER — 3 hours, first term

A study of *The Canterbury Tales*, their sources and analogues.

305b. CHAUCER — 3 hours, second term

A study of the dream-vision poems and of the Troilus story.

In 1953-54 the first term half course will be given, but not the second term half course.

310. MIDDLE ENGLISH — 3 hours

Studies in Middle English Literature (exclusive of Chaucer).

(*Not given in 1953-54.*)

315a. NON-DRAMATIC ENGLISH LITERATURE OF THE FIFTEENTH AND EARLY SIXTEENTH CENTURIES — 3 hours, first term

315b. NON-DRAMATIC LITERATURE OF THE LATER SIXTEENTH CENTURY — 3 hours, second term

320. THE HISTORY OF THE ENGLISH DRAMA FROM THE BEGINNING TO 1642, EXCLUDING SHAKESPEARE — 3 hours

325a. SHAKESPEARIAN TEXTUAL PROBLEMS — 3 hours, first term

The course will deal with the early Shakespearian quartos and folios, the nature of the manuscripts from which they were printed, and the principles which should guide a modern editor in arriving at an authentic text of the plays.

330. ENGLISH DRAMA FROM 1660 TO THE PRESENT — 3 hours

331. CONTINENTAL EUROPEAN AND AMERICAN DRAMA FROM IBSEN TO THE PRESENT — 3 hours

335. THE ENGLISH NOVEL, WITH SOME REFERENCE TO FOREIGN WORK AND RELATED TYPES — 3 hours

336b. THE SHORT STORY — 3 hours, second term

The history of the short story in English, with some reference to foreign work and to related literary types.

340. STUDIES IN LITERATURE SINCE 1900 — 3 hours

Contemporary authors, English and American, with special emphasis on novelists and dramatists.

(*Not given in 1953-54.*)

341. CANADIAN LITERATURE — 3 hours

345. STUDIES IN ENGLISH PROSE EXPRESSION FROM BACON TO THE PRESENT DAY — 3 hours

350. MILTON — 3 hours

355a. THE ART OF POETRY — 3 hours, first term

360. ENGLISH POETRY AND SOCIETY—1798 TO THE PRESENT TIME — 3 hours

(Not given in 1953-54.)

365a. BRITISH POETS OF THE TWENTIETH CENTURY — 3 hours, first term

365b. AMERICAN POETS OF THE TWENTIETH CENTURY — 3 hours, second term

370. COMPARATIVE LITERATURE: THE CULTURE AND LITERATURE OF THE RENAISSANCE — 3 hours

(Not given in 1953-54.)

375. COMPARATIVE LITERATURE: THE INFLUENCE OF ENGLISH UPON EUROPEAN LITERATURE IN THE 18TH AND 19TH CENTURIES — 3 hours

(Not given in 1953-54.)

380. COMPARATIVE LITERATURE: A STUDY OF SOME LITERARY TYPES, FROM THE RENAISSANCE TO THE PRESENT DAY — 3 hours

(Not given in 1953-54.)

385. COMPARATIVE LITERATURE: HISPANIC CONTACTS WITH EUROPEAN LITERATURE — 3 hours

Studies in the Spanish background of English Literature.

395. CREATIVE WRITING — Hours to be arranged

An advanced course for students qualified for mature creative writing.

B

COURSES EXCLUSIVELY FOR GRADUATES

500. MEMOIRS, AUTOBIOGRAPHIES, AND LETTERS: THE LITERATURE OF PERSONAL REVELATION

2 hours.

(Not given in 1953-54.)

501. THE LITERATURE AND CULTURE OF THE ENGLISH RENAISSANCE, STUDIED IN RELATION TO THE CONTINENTAL BACKGROUND. Although English 370 is not a prerequisite, some general knowledge of the period is expected of students.

2 hours.

(Not given in 1953-54.)

502. LITERARY CRITICISM. The nature of literature and literary criticism; the great critics and the critical thought of the West, from the beginnings in Greek criticism (with special emphasis on Plato, Aristotle, and Longinus), through the Renaissance, and down to the present time.

2 hours. *Professor Files*

504. STUDIES IN LITERARY BEGINNINGS IN CANADA. Examination of the work of writers, or groups of writers, in relation to the Canadian scene and in relation to North American and trans-Atlantic literary influences. Selected course of study involving the examination and appraisal of literary culture in Canada in one or other of the literary types and analysis of the effect of dominant influences and of the conditions which have furthered or thwarted intellectual and aesthetic development of individuals or groups of writers. Directed reading and research.

2 hours. *Professor MacLennan and Mr. Dudek*

505. STUDIES IN SPENSER AND MILTON. This course will deal in the first term with Spenser's thought and poetic theories, his pastorals, satires, and hymns, and selected cantos from *The Faerie Queene.* In the second term emphasis will be placed on Milton and Christian Humanism. Milton's thought and art will be considered in relation to his time and to our own. These studies are designed for students whose undergraduate programmes provided little leisure for a careful reading of such works as *Paradise Lost* and *The Faerie Queene.*

2 hours. *Professor Hemlow*

506. BACKGROUNDS TO SEVENTEENTH CENTURY LITERATURE. A study of developments in astronomy, the new science, religion, and morality, as they affect imagination and style in English Literature of the Seventeenth Century.

2 hours. *Professor Sprott*

C

590. A SPECIAL STUDY OF THE FIELD IN WHICH THE M.A. THESIS IS WRITTEN. Members of the Department will undertake to guide students in their reading and research.

Candidates for the M.A. will be expected, as a rule, to demonstrate their capacity for research by preparing a thesis in some special field of study. It is also possible, however, for a specially qualified student to substitute for the research thesis a suitable project in creative writing, such as a novel. Supervision will be provided when the Department has approved the choice of a project, and the student's qualifications for dealing with it.

Attention is called to a number of special fields in which the Department is ready to consider the possibility of advanced study, e.g:

Old English and Middle English
Spenser
Shakespearian textual criticism, and other studies relating to Shakespeare and his contemporaries in drama
Milton
English drama from the Restoration to the present
Special studies in English literature of the 17th and 18th centuries
American and Canadian literature
Romanticism in Europe and America
The Spanish background of English literature

DEPARTMENT OF ENTOMOLOGY

(Macdonald College)

Professor	W. H. BRITTAIN, *Chairman*
Associate Professors	E. M. DUPORTE
	F. O. MORRISON
Assistant Professor	W. E. WHITEHEAD

Adequate laboratory and library facilities are available for the courses listed below and for research. Students are also recommended to take courses offered by the Department of Zoology either as part of their major work or as a cognate subject.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

60. INSECT MORPHOLOGY

1 lecture, 1 colloquium and 4 laboratory hours. *Professor DuPorte*

61. TAXONOMY. Each student must bring to the class a collection of the group of insects on which he desires to work, and may devote the greater portion of his time to a study of this group.

1 lecture, 1 colloquium and 4 laboratory hours. *Professor DuPorte*

62. INSECT PHYSIOLOGY

2 lectures and 4 laboratory hours. *Professor DuPorte*

63.* ECOLOGY

2 lectures, first term. *Professor DuPorte*

* This course is also open to advanced undergraduates.

64. ECONOMIC ENTOMOLOGY

(a) Principles of Insect Control

2 lectures supplemented by colloquia. *Professor Morrison*

(b) Problems of Insect Control. *Professor Morrison*

65. MEDICAL AND VETERINARY ENTOMOLOGY

2 lectures, 3 laboratory hours per week for 1 term. A more extensive course may be arranged for students interested primarily in this subject. *Professor DuPorte*

66. RESEARCH IN ENTOMOLOGY

4 laboratory periods. *Professors Brittain and Morrison*

67. SEMINAR

One and one-half hours weekly. *Professors Brittain and DuPorte*

M.Sc. REQUIREMENTS

Candidates for admission must have had (1) satisfactory undergraduate training in mathematics, physics, chemistry, and biology; and (2) at least second class standing in the undergraduate courses in entomology given at Macdonald College or their equivalent.

For students who satisfy these conditions the minimum period of study is one year, for others two years, one of which is a qualifying year.

In addition to writing a thesis, the student is required to take either course 60 or 61 and at least one other course. All students are required to take an active part in the seminar.

Ph.D. REQUIREMENTS

Students who have taken a high standing in the M.Sc. in Entomology at McGill University or its equivalent, may proceed to the Ph.D. degree in two additional years. Qualified students holding a B.Sc. degree may register directly for the Ph.D., but before being allowed to enter the second year such students must pass a searching oral examination to determine their fitness to proceed.

It is strongly recommended, and may be required, that the Ph.D. candidate should spend one of the three years of full-time study at an approved university, or research institution, other than McGill.

The student is also required to spend the equivalent of two summer seasons in research work at a government laboratory or other approved research institution.

Research facilities are available within the fields covered by the courses listed. Candidates with special problems should consult the Chairman of the department before making formal application.

DEPARTMENT OF EXPERIMENTAL MEDICINE

Professors	J. S. L. Browne, *Chairman*
	E. S. Mills
Associate Professors	E. H. Bensley
	K. A. Evelyn
	Bram Rose
	Eleanor Venning
Assistant Professors	D. G. Cameron
	L. G. Johnson
	K. R. Mackenzie
	Guy R. Turgeon
Lecturer	Eleanor McGarry

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Candidates for an M.Sc. degree in Experimental Medicine must have had a high standing in their courses for the M.D., or, in the case of candidates without a medical degree, at least second class honours in their undergraduate courses, particularly in Physiology and Biochemistry; candidates for the Ph.D. must obtain high standing in the M.Sc. course, if taken.

A. SEMINAR

1 hour. *Professor Browne and Staff*

B. ADVANCED ENDOCRINOLOGY (to be registered for as Biochemistry 63)

2 hours; may be taken in successive years.

C. CONFERENCES on candidates' reading and research.

D. COGNATE SUBJECTS. Each student may be required to take certain courses in cognate subjects, depending on the special field of Medicine in which his research work is undertaken.

E. LECTURES IN PHYSIOPATHOLOGY

1 hour. *The Staff*

FIELDS OF RESEARCH

(a) University Clinic—Royal Victoria Hospital

Research is being carried out on the effects of ACTH and Cortisone on the metabolism and clinical course of various diseases, on protein metabolism and nutrition, the metabolism and excretion of various steroids including corticoids and 17-ketosteroids, pregnandiol, gonadotrophins, Vitamin C metabolism in disease, allergy and histamine metabolism, respiratory function studies in disease, cardiac catheterization, and protein metabolism in animals.

Opportunities for conducting investigation along any one of these lines can be provided for a limited number of post-graduate students.

(b) University Clinic—Montreal General Hospital

Research includes studies of cardio-respiratory function, diabetes mellitus, steatorrhea, chronic liver disease, thyroid ovarian interrelationships, blood volume by radioactive isotope techniques, iron and haemoglobin metabolism in anaemic states.

In the Montreal General Hospital Research Institute, under the direction of Professor J. H. Quastel, studies of cell metabolism are being conducted with special reference to the genesis and control of neoplastic disease (see page 2640).

A limited number of candidates desiring to combine fundamental research with its more clinical application can be accommodated by joint arrangement between these two departments.

(c) Research Institute of Biophysics

Under the direction of Dr. K. A. Evelyn, there are being carried out studies on the physiology of arterial smooth muscle with special reference to the renal circulation and also long term clinical studies on the natural history of hypertension.

DEPARTMENT OF EXPERIMENTAL SURGERY

Professors P. G. Rowe, *Chairman*
D. R. Webster

The Experimental Surgical Laboratories provide facilities for graduate research.

MASTER OF SCIENCE

A. *Prerequisites*—A candidate for the degree of Master of Science in Surgery must possess an M.D. degree together with a better than average academic record. His previous interest and experience in investigative work is taken into consideration in the selection of such a candidate.

B. *Requirements*—The major part of the student's time shall be devoted to research in some special field of investigative work. A thesis covering this subject, judged chiefly upon its original quality, shall be the prime requisite for his degree.

In addition, the student shall be required to attend certain courses of graduate instruction in the basic sciences which will be chosen, when possible, in association with his individual research problem. His work in these courses must satisfy the instructors concerned, by whatever form of examination may be deemed necessary by them.

For the purpose of supervising and directing the student's research, conferences are held frequently within the department. Such technical assistance as may not be available locally is sought elsewhere for the benefit of the student.

DEPARTMENT OF FRENCH

Professor	J. E. L. LAUNAY, *Chairman*
Associate Professor	MME. P. L. LARIVIÈRE
Assistant Professors	LOUIS D'HAUTESERVE ANDRÉ A. RIGAULT

COURSES FOR THE DEGREE OF MASTER OF ARTS

60. INTRODUCTION À LA LANGUE ET À LA LITTÉRATURE FRANÇAISES DU MOYEN-ÂGE.
2 hours. _____

61. LA CRITIQUE LITTÉRAIRE (Histoire et Méthodes)
2 hours. _____

62. MONTAIGNE
1 hour. *Professor Larivière*

63. EXERCICES PRATIQUES (Colloquia)
1 hour. _____

64. VICTOR HUGO ROMANCIER
1 hour. _____

65. COURS DE TRADUCTION AVANCÉE
2 hours. *Professor Launay*

*44a. HISTOIRE DE LA LANGUE FRANÇAISE
1 hour. *Professor d'Hauteserve*

*44b. FRENCH STYLISTICS
2 hours. *Professor Launay*

*These are also Honours Courses in the Faculty of Arts and Science.

*45. HISTOIRE DU ROMAN EN FRANCE

3 hours. *Professor Launay*

*46. HISTOIRE DE LA POÉSIE LYRIQUE EN FRANCE

2 hours. *Professor Larivière*

*47. LA LITTÉRATURE FRANÇAISE CONTEMPORAINE

3 hours. *Professor Larivière*

(*Given in 1954-55.*)

*48. ADVANCED PHONETICS

2 hours. *Professor Rigault*

Candidates for the Master's degree in French will take courses 60, 61, 62, 64, 65, and one course in the Department of English selected in consultation with the Chairman of the French Department.

The M.A. thesis must be written in French.

Students cannot normally obtain an M.A. in less than two years (one year for prerequisite courses, one year for research and writing of thesis). Students from other Provinces and States where the opportunities of speaking French are small may be required to take a Qualifying Year of studies before they are accepted by the Faculty as Graduate Students. During this Qualifying Year students are required to take at least two full undergraduate honours courses (which they must pass with second-class standing) and such other subsidiary courses (phonetics and translation) as the Department may direct. In certain cases students accepted for the Qualifying Year only may be advanced to full graduate standing at the end of the first term of the winter session if they have shown sufficient promise and ability in their first three months of work.

Students from other universities applying for admission to the Graduate Faculty as French specialists must hold a B.A. degree with at least good second-class standing in French, or the equivalent. This must include an ability to speak French fluently, and a sound knowledge of French literature from 1600 to 1940. Whenever possible an interview will be arranged prior to admission to graduate standing.

REGULATIONS FOR THE MASTER OF ARTS DEGREE TAKEN IN THE FRENCH SUMMER SCHOOL

1. All work carried on towards an M.A. degree in the French Summer School is under the control and supervision of the Department of French in the Faculty of Graduate Studies of the University.

*These are also Honours Courses in the Faculty of Arts and Science.

2. Requirements for the Master's degree:

(a) The student must hold the degree of B.A. from McGill University or from another institution of recognized standing, with at least second class honours in French, or the equivalent of second class honours in French as granted by McGill University—which must include an ability to speak French fluently, and a sound knowledge of French literature from 1600 to 1940.

(b) A student qualified as in 2 (a), must complete four sessions in the Advanced Section of the French Summer School with at least second class standing in the final examinations of each session.

(c) The student must prepare and present a thesis, written in French, which must be in some measure a contribution to knowledge. Its preparation is carried out under the direction of the French Department.

3. Students applying for admission to the Advanced Section of the Summer School, with the intention of proceeding towards the M.A. degree, should, as soon as possible, have a transcript of their academic record sent for appraisal to the Director of the School.

Students whose record is considered the equivalent of the B.A. degree with at least second class honours in French as granted by McGill University will be notified of their eligibility for future admission to the Faculty of Graduate Studies of the University. *At the end of their second session they will apply for admission to the Faculty as candidates for the M.A. degree, provided they have completed the course requirements for the first two sessions, but they will not register in the Graduate Faculty until the end of the fourth session; they must then register with the Dean as non-resident students, pending completion of the required thesis.* (See also Section 18 of the General Faculty regulations, page 2617.)

Students who hold a B.A. degree but whose record is not considered the equivalent of the McGill B.A. with at least second class honours in French, may be allowed to make up the deficiency by taking more courses during their third and fourth summer sessions. They will also be admitted to the Graduate Faculty at the end of the second summer session, provided that they have obtained at least a high second class standing in the courses of the first two summer sessions.

4. In the case of students of honours standing, the first summer session consists of five courses, the second of four courses, the third of three courses, and the fourth of two courses, each course consisting of three lectures per week. The decreasing number of courses through the four sessions enables the student to devote more time to the preparation of his thesis, which must begin in the third session at latest. Each student works under the guidance of a director of research who is a member of

the French Summer School staff. The only listed course which may be taken for credit in more than one session is No. 31 Advanced Composition (see below).

Students may be required to take certain courses which are changed from year to year, and in any case:

30(a) and 30(b). FRENCH STYLISTICS. Students are advised to take this course during their second or third session.

31. ADVANCED COMPOSITION. A minimum mark of 65% must be obtained in the final examination of this course, irrespective of the final average for the set of courses taken during the session. The course must be repeated until this requirement has been met. As its material is varied each year, it can be taken a second summer for credit. If taken more than twice, it must then be carried as an extra course.

5. With the approval of the Graduate Faculty, one of the summer sessions, except the first, may be replaced by equivalent work in France or at another French Summer School.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates for this degree will not be accepted in 1953-54.

A. Entrance Requirements

Candidates for the Ph.D. degree in French language and literature must hold the M.A. degree in French from McGill University or its equivalent, and their admission must be recommended by the Chairman of the Department of Romance Languages. Students who have not obtained their M.A. degree in French at McGill University will be required to (a) submit evidence of their ability to speak French and to understand French conversation and lectures, (b) undergo a written entrance examination.

In the case of students unable to come to Montreal for an interview, examination papers will be sent on request to an institution near the candidate's residence and arrangements will be made for the examination to take place under the supervision of that institution.

The examination will consist of four papers as follows:

1. Translation from English into French—1 hour: no dictionary allowed. Approximately 20 lines of easy prose to test knowledge of syntax, and approximately 20 lines of literary prose to test extent of vocabulary and feeling for the language.

2. Translation from Latin into French or English—1 hour: dictionary allowed. As an indication of the proficiency needed for

this test, candidate should be able to read without difficulty: Cæsar, *De Bello Gallico*, or Cicero, *De Amicitia* or *Pro Archia*.

3. General questionnaire on the history of French Literature from 1600 to 1914—1 hour.

4. A French essay dealing with an aspect of the field in which research was done for the M.A. thesis—2 hours.

B. Courses of Study

Ph.D. candidates will normally spend two years of resident study at McGill University; on the recommendation of the Department, one year may be taken at a recognized French speaking University in Europe.

The curriculum will include seminars in,

(a) Morphology, philology, and syntax of old and modern French.
(b) Advanced phonetics and translation and stylistics.
(c) Studies in mediaeval, classical, and modern French literature.
(d) Cognate courses in linguistics and comparative Romance literatures.
(e) Courses in Latin, Spanish, or Italian, as required.

The above listed seminars and the work required for them will occupy almost the whole of the candidate's time during the two years of resident study, and candidates should not expect to be able to make much progress with the Ph.D. thesis during these two years, although further resident study will not be demanded.

C. Examinations

In addition to sessional examinations held at the end of each course, candidates will be required to pass a general comprehensive examination, oral and written, at the end of their second year. The object of this examination will be mainly to ensure that students can write faultless literary French with accuracy, and lecture in French fluently and with authority.

D. Thesis

The thesis should be an original contribution to knowledge of not less than 50,000 words. It should be written in French.

E. Fields of Research

The Department is prepared to accept subjects in the following fields:

Philology, Morphology, Syntax, and Stylistics of the French Language from its origin to the present day.

Problems of Translation.

Studies in comparative literature involving French, English, and Canadian literatures.

Studies in the French novel.

Studies in French poetry from the classical period to 1914.

Problems of literary style and expression in prose.

DEPARTMENT OF GENETICS

Associate Professor	J. W. BOYES, *Chairman*
Assistant Professors	E. R. BOOTHROYD
	F. C. FRASER
	H. M. SLATIS
Demonstrator	J. D. METRAKOS

Students in the following categories will be accepted for graduate studies in this Department:

1. Honours graduates in either Botany or Zoology at McGill who have completed at least one full course in Genetics and one full course in the non-honours subject of either Botany or Zoology.

2. Graduates of McGill who have taken a continuation in Genetics plus a minumum of two full courses in each of Zoology and Botany, who have an average standing of over 65%.

3. Students from other Universities or Agricultural Colleges who have records approximately equivalent to those of any of the first three categories.

4. Students who have completed the General Honours Course in Biological Subjects with standing acceptable to this Department.

Other students who have fulfilled part of the above requirements or have a sound knowledge of General Biology plus other special qualifications will normally be required to spend a qualifying session on an approved programme of studies.

The Department will welcome students from other fields of Biological Science or Agricultural Institutions who are interested in familiarizing themselves with the significance of hereditary variables in their particular fields of interest.

With the co-operation of the Department of Botany and the Faculty of Agriculture adequate laboratory, greenhouse, field, and library facilities are available for research in Plant or Animal Genetics and Cytology.

COURSES FOR HIGHER DEGREES

32a. CYTOLOGY (Half course)
First term: 2 hours and a 3-hour laboratory period. *Professor Boothroyd*

36. DEVELOPMENTAL GENETICS (Half course)
The equivalent of 1½ hours each week throughout the session.
Professor Fraser

43b. ADVANCED GENETICS AND CYTOGENETICS (Half course)
Second term: 3 hours. *Professor Boyes and Staff*
(*Not given in 1953-54.*)

44. BIOMETRY (Full course). Applications of statistics to research problems in biology.
2 hours lectures and 3 hours of computation. *Professor Slatis*

45a. GENETIC INTERPRETATION OF THE MECHANICS OF EVOLUTION (Half course)
First term, 3 hours. *Professor Boyes*

45b. POPULATION GENETICS (Half course). The rules governing the establishment of genetic equilibrium and the application of these rules to the study of evolution. Emphasis on human genetic studies.
Second term: 3 hours *Professors Slatis and Fraser*

51. SEMINAR. Weekly reports by students and staff on current researches in Cytology and Genetics.

53. ADVANCED CYTOLOGY (Half course). The physical and chemical properties of the structural components of the cell and the techniques used in their investigation. Discussions of experimental studies of particular cell structures such as the Golgi apparatus, the mitochondria, the chloroplast, the secretion products, the cell membrane, the nucleus and the chromosomes.

This course is given jointly by the Departments of Anatomy and Genetics, with the co-operation of the Departments of Biochemistry, Botany, Physiology and Zoology.

Two hours per week (including demonstrations and seminar periods) throughout the session.

Courses in other Biological Sciences at McGill and courses in Plant Breeding or Animal Breeding at Macdonald College may be required when it is desirable to extend the student's general background or experience for a particular problem.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Course 51 and four other courses from the above are required for the Master's degree in addition to a thesis on a research problem.

A sound knowledge of General Biology is prerequisite.

The research problem may be in Genetics or Cytology or Cytogenetics.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Only candidates who have shown indications of distinct research ability during their Master's training will be permitted to register for the Ph.D. degree. Course 51 must be taken in each year. See general regulations for further requirements.

DEPARTMENT OF GEOGRAPHY

Professor	F. K. HARE, *Chairman*
Associate Professor	BOGDAN ZABORSKI
Assistant Professor	J. B. BIRD
Lecturer	W. F. SUMMERS
Sessional Lecturers	THEO L. HILLS SVENN ORVIG
Research Associate	P. D. BAIRD

The Geography Department offers the degrees of M.A., M.Sc. and Ph.D. in Geography, and (in special circumstances) an M.Sc. degree for work in Meteorology.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

The following candidates will be eligible to proceed to the degree after one resident session at McGill:

(1) students holding the Honours B.A. of McGill University in Geography;

(2) students from other universities having Bachelor's degrees with a comparable specialisation in Geography, together with the important cognate subjects.

Other candidates with degrees in Geography at McGill and other universities may proceed to the degree after one resident session, if, in the opinion of the Chairman, they can make good the deficiencies in undergraduate training in that session, or at the Geography Summer School. These candidates will not, however, be eligible to submit their theses for the May Convocation in that session.

Students with primary undergraduate specialization in a cognate field may, in certain circumstances, register for the M.A. degree in Geography, but will in general be required to register for a qualifying year, and will not be able to submit their theses until the end of the second resident year.

Candidates must

(1) pass written (and in some cases oral) examinations in two of the graduate courses listed below;

(2) attend such courses in Geography or cognate subjects as the Chairman and the student's director of research think fit;

(3) submit a thesis in the fields of Human Geography, or in those parts of Geography having a significant bearing on settlement, including planning;

(4) comply with the general field-work requirement (see below). The quality of the thesis will determine the final standing of the student.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

The following candidates will be eligible to proceed to the degree after one resident session at McGill:

(1) students holding the Honours B.Sc. of McGill University in Geography;

(2) students from other universities having Bachelor's degrees with a comparable specialization in Geography, together with the important cognate subjects.

Other candidates with degrees in Geography from McGill and other universities may proceed to the degree after one resident session if, in the opinion of the Chairman, they can make good the deficiences in undergraduate training in that session, or at the Geography Summer School. These candidates will not, however, be eligible to submit their theses for the May Convocation in that session.

Students with primary undergraduate specialization in a cognate field may, in certain circumstances, register for the M.Sc. degree in Geography, but will in general be required to register for a qualifying year, and will not be able to submit their theses until the end of the second resident year.

Candidates must

(1) pass written examinations in two of the graduate courses listed below:

(2) attend such courses in Geography or cognate subjects as the Chairman and the student's director of research think fit;

(3) submit a thesis in the fields of Physical Geography, or Cartography;

(4) comply with the general field-work requirement (see below).

The quality of the thesis will determine the final standing of the student.

THE MASTER OF SCIENCE DEGREE IN METEOROLOGY

A limited number of students who have adequate training in Mathematics and Physics, and who have access to facilities for research in Meteorology, may be accepted as candidates fro the Master of Science degree in that subject.

REQUIRMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Students who have attained high standing in the Master's degrees in Geography at McGill University, or have equivalent qualifications, may be permitted to proceed to the Ph.D. in two further years. In certain circumstances a student may be allowed to register for the Ph.D. without having first taken the Master's degree.

Normally the Department will restrict admission to the Ph.D. course to students prepared to work in one or other of the following fields: the physical, regional, and historical geography of North America, Europe, and the Arctic; the history of geographical exploration in North America; and Climatology.

A broad familiarity with the entire field of geography will be assumed in all students who register for the Ph.D. In their preliminary examinations, they must show professional competence, and will be judged as to their familiarity with the literature, methods and organization of modern geography.

Candidates must

(1) remedy any deficiencies in their formal course-work in Geography to the Master's level, and must also ensure that they have adequate training in the important cognate subjects;

(2) submit themselves for written (and in some cases oral) examinations in four broad fields. These *preliminary examinations* must be chosen as follows: one (known as Geography 71) on physical geography or cartography; one (Geography 72) on economic, political, or historical geography; and two (Geography 73 and 74) on major regions of the earth (viz., the Arctic, Europe, etc.);

(3) submit a thesis in one of the fields listed above; and

(4) comply with the general field-work requirement (see below).

To comply with requirements (1) and (2) above, the candidate may take any of the graduate or undergraduate courses offered by the Department.

GRADUATE COURSES OR SEMINARS

(all courses one hour weekly)

61. HISTORY OF GEOGRAPHICAL SCIENCE AND DISCOVERY *Professor Bird*

62. HISTORICAL GEOGRAPHY OF A SELECT AREA IN NORTH AMERICA *Professor Bird*

63. REGIONALISM AND REGIONAL SURVEY *Professor Hare*

64. ADVANCED CLIMATOLOGY *Professor Hare*

65. THE PHYSICAL GEOGRAPHY OF A SELECT AREA OF NORTH AMERICA *The Staff*

66. CARTOGRAPHY, WITH PARTICULAR REFERENCE TO SPECIAL PURPOSE MAPS *Professor Zaborski*

67. THE GEOGRAPHY OF THE ARCTIC

A seminar course conducted by members of the staffs of the Department and the Arctic Institute of North America. *Professor Bird*

68. THE GEOGRAPHY OF THE BRITISH ISLES *Professor Hare*

An advanced course designed to illustrate the processes of regional study in the world's most intensively mapped country.

71-74. PH.D. PRELIMINARIES (see above).

FIELD WORK REQUIREMENT

The Geography Department normally holds an annual field trip immediately before the beginning of the session, to an area of geographical interest in either Eastern Canada or the Northeastern United States. All students proceeding to a higher degree are required to participate in at least one annual field trip, preferably at the beginning of their first resident session.

DEPARTMENT OF GEOLOGICAL SCIENCES

Professors	T. H. CLARK, *Chairman* J. E. GILL E. H. KRANCK
Associate Professor	J. S. STEVENSON
Assistant Professors	J. E. RIDDELL V. A. SAULL C. W. STEARN

GENERAL STATEMENT

Entrance to graduate work in Geological Sciences may be through the course in Mining Engineering (B.Eng. with good second class standing) or through the honours course in Geological Sciences (B.Sc., honours Geology).

Graduate students in this Department must present evidence of satisfactory field work under competent direction for at least one summer, before being eligible for an advanced degree.

COURSES FOR THE MASTER'S DEGREE

Students who have not satisfactorily completed courses equivalent to the undergraduate courses listed below must make up any deficiency and, in addition, take graduate courses, A, B, E, and one other as advised. The thesis must conform to the general regulations.

UNDERGRADUATE COURSES

231a. FIELD GEOLOGY (Fac. Eng. 1145). Surface and underground geological field survey methods. Preparation of geological maps, sections, models, and reports from field notes, diagrams, aerial photographs, etc.

First term: 1 lecture and 2 laboratory periods per week. During the first 6 weeks the laboratory work is replaced by field work.

Professor Riddell

Prerequisites: Surveying 324 and 352.

References: Lahee, Field Geology (McGraw-Hill); McKinstry, Mining Geology (Prentice-Hall).

232b. STRUCTURAL GEOLOGY (Fac. Eng. 1146). A systematic survey of rock structures, their origins and practical importance. Laboratory periods will be devoted to practical problems.

Second term: 2 hours and 1 laboratory period. *Professor Gill*

Prerequisites: Geology 121, 221.

Reference: Billings, Structural Geology (Prentice-Hall).

233b. HISTORICAL GEOLOGY. Earth origin. Geological time and time table. Principles of correlation. Index fossils. Origin and development of continents and oceans; geosynclines, epicontinental seas, and coastal plains; terrestrial sediments. Paleogeography and paleogeology. The main part of the course will deal first with the physical development, period by period, of North America, with brief attention to other continents, and second, with the attendant evolution of life as revealed by fossils.

Second term: 2 lectures and one 2-hour laboratory period.

Professor Stearn

Prerequisite: Geology 121.

Textbook: Dunbar, Historical Geology (Wiley, 1949).

331a. OPTICAL CRYSTALLOGRAPHY. Topics covered in the lectures include refraction and double refraction, polarization of light, and the nature of and reason for the various optical characters exhibited by crystals. The laboratory course gives practice in the determinations of these characters, using the polarizing microscope, axial angle, and other instruments.

First term: 1 lecture and two 2-hour laboratory periods.

Professor Stevenson

Prerequisites: Geology 121, 221.

References: Larsen and Berman, Microscopic Determination of Nonopaque Minerals, 1934, Bull. 848 U.S. Geol. Surv.; Wahlstrom, Optical Crystallography (Wiley, 1951); Winchell, Elements of Optical Mineralogy, Part I (Wiley, 1937).

332a. PETROLOGY (Fac. Eng. 1144). The common igneous, sedimentary, and metamorphic rocks are described and their modes of occurrence discussed. In the laboratory, the student learns to identify such rocks by methods used in the field.

First term: 2 hours and 1 laboratory period. *Professor Kranck*

Prerequisites: Geology 121, 221.

Textbook: G. W. Tyrrell, The Principles of Petrology (Dutton, 1949).

333b. PETROGRAPHY (Fac. Eng. 1148). The examination and identification of rock minerals and rocks by means of the petrographic microscope.

Second term: 2 hours and 1 laboratory period. *Professor Kranck*

Prerequisite: Geology 332a.

Textbook: Rogers and Kerr, Optical Mineralogy.

341b. PALEONTOLOGY. The development of ideas concerning the origin of fossils. Kinds of fossils; collecting, preparation, and naming of fossils. Brief survey of systematic paleontology, following the standard biological classifications, with emphasis on fossil animals. The stratigraphic and economic importance of paleontology. The influence of paleontology upon the doctrine of evolution.

This course may be omitted as a requirement for some M.Sc. students.

Second term: 2 lectures and 2 hours laboratory and 1 full day's field work in April. *Professor Clark*

Prerequisite: Geology 121 or Zoology 11.

342a. GEOMORPHOLOGY. A study of the surface features of the earth, their origins, changing aspects, and influence on human activities. Special attention is given to the significance of various land forms in relation to soils, bedrock, and rock structure and the distribution of natural resources. Maps, photographs, and local topographies provide illustrations.

First term: 2 lectures and 1 laboratory period. *Professor Riddell*

Prerequisite: Geology 121.

Textbook: Lobeck, Geomorphology, 1939 (McGraw-Hill).

343a. STRATIGRAPHY. The principles of sedimentation. Weathering; sources and origin of sedimentary rocks; significance of their textures and structures. The structural relationship of strata; areal distribution of sedimentary rocks. Reference is made throughout the course to matters of economic importance.

First term: 2 hours, 2 hours laboratory, and 2 full days of field work during October. *Professor Clark*

Prerequisite: Geology 121.

Textbooks: Twenhofel, Principles of Sedimentation, 2nd ed., 1950; Pettijohn, Sedimentary Rocks (Harper, 1949).

344b. MINERALOGRAPHY. Identification of ore minerals in polished sections by means of the reflecting microscope and microchemical analysis; interpretation of their textural relationships and paragenesis.

This course may be omitted as a requirement for some M.Sc. students.

Second term: 1 lecture and two 2-hour laboratory periods.

Professor Stevenson

Prerequisites: 331a or permission of instructor.

Text: Short, Microscopic Determination of the Ore Minerals, U.S. Geological Survey Bulletin 914, 1940.

345b. CORRELATION. Third or Fourth year (Half course). Stratigraphic terminology. Correlation by lithological means: facies changes, subsurface geophysical methods, etc. Correlation by fossils, micropaleontologic methods, facies faunas, paleontologic limitations. Paleogeography and paleogeology. Throughout the course special consideration will be given to correlation as developed by the petroleum geologist.

Second term: 2 lectures, 2 hours laboratory, and 2 days field work during April or May. *Professor Stearn*

Prerequisite: Geology 121, 233b, 343a.

Text: Krumbein and Sloss, Stratigraphy and Sedimentation (Freeman, 1951).

441. ORE DEPOSITS (Fac. Eng. 1162). Nature, origin, mode of occurrence, and classification of deposits of metallic and of important non-metallic minerals; typical occurrences; geographical distribution.

2 lectures and 1 laboratory period. *Professor Gill*

Prerequisites: Geology 232b, 332a.

Text: Bateman, Economic Mineral Deposits (Wiley, 1950).

442b. GEOLOGY AND NATURAL RESOURCES OF CANADA (Fac. Eng. 1160). A systematic survey of the surface features, soils, bedrock geology, mineral resources, forests, water powers, and other resources of Canada. Maps and photographs are used to illustrate the course.

Second term: 2 lectures and 1 laboratory period. *Professor Riddell*

Prerequisites: Geology 232b, 233b, 332a.

References: Assigned readings.

GRADUATE COURSES

A. STRUCTURAL GEOLOGY

2 hours per week and assigned problems. *Professor Gill*

B. GEOLOGICAL COLLOQUIUM

This course must be taken by all graduate students in Geology in the First and Second years. *Professors Stearn and Saull*

E. PETROLOGY AND PETROGRAPHY

3 hours and laboratory. *Professor Kranck*

Textbooks: Bowen, Evolution of Igneous Rocks (Princeton University Press); Tyrrell, Principles of Petrology (Dutton); Harker, Metamorphism (Methuen); F. J. Turner, Evolution of the Metamorphic Rocks (G.S.A. Mem. 31).

I. GEOLOGY AND PROBLEMS OF THE PRE-CAMBRIAN
Lectures and seminar at least 2 hours per week, second term.
Professor Gill

J. GEOLOGICAL MAP INTERPRETATION
1 hour seminar with assigned problems. *Professor Gill*

L. ADVANCED PETROLOGY AND PETROGRAPHY
Seminar and at least 9 hours laboratory work per week.
Hours to be arranged. *Professors Clark and Stearn*

M. ADVANCED MINERALOGY
3 hours seminar and laboratory per week. *Professor Stevenson*

N. ADVANCED STRATIGRAPHY
Hours to be arranged. *Professor Clark*

O. PHYSIOGRAPHY
Seminar 2 hours. *Professor Riddell*

P. ADVANCED PALEONTOLOGY
Hours to be arranged. *Professor Clark*

Q. ADVANCED ECONOMIC GEOLOGY
Seminar, 2 hours. *Professor Gill*

R. ADVANCED STRUCTURAL AND DYNAMICAL GEOLOGY
At least 2 hours seminar per week.

Courses for the Degree of Doctor of Philosophy will be selected from the list of graduate courses according to the student's particular interest, on the advice of his director of research. The thesis must conform to the general regulations.

DEPARTMENT OF GERMAN

Professor W. L. GRAFF, *Chairman*
Assistant Professor BERTHA MEYER

PREREQUISITES

In order to be admitted to graduate work in German the candidate must have a B.A. degree with Honours in German and at least second class standing from McGill University, or an equivalent B.A. degree from another College or University of recognized standing.

In estimating the quality and contents of the required undergraduate work the following factors must be borne in mind:

1. The candidate must be able to understand and read German. He must be able to speak it fairly fluently and to write it correctly. Lectures and Seminars are conducted in German. The thesis must be written in German, under the supervision of the Department.

2. Prerequisite literary studies include:

(a) A survey of German literature from its beginnings to the 20th century, with emphasis upon developments since Lessing, supplemented by collateral readings (equivalent to two full courses).

(b) A more detailed study of several special fields. In this respect the undergraduate curriculum of McGill University comprises one full course in the history of the tragedy (one year), one half course in the German lyric, and one half course on Goethe's Faust. Substitutes for these, if found satisfactory, will be honoured by the Department.

(c) A full course in the Middle High German Language and the reading of selected passages from Middle High German Literature (one year).

COURSES FOR THE DEGREE OF MASTER OF ARTS

61. GOETHE
1 meeting weekly. *Professor Graff*

62. LESSING
1 meeting weekly. *Professor Meyer*

63. GERMAN ROMANTICISM
1 meeting weekly. *Professor Graff*

64. GOTHIC AND INTRODUCTION TO GERMAN PHILOLOGY
1 meeting weekly. *Professor Graff*

10. FROM NATURALISM TO EXPRESSIONISM
3 hours. *Professor Graff*

13. HISTORY OF THE TRAGEDY IN GERMAN LITERATURE
2 hours. *Professor Graff*

Courses 10 and 13 are Advanced Honours Courses in the Faculty of Arts and Science. If not already taken they may be chosen for the M.A. degree under the conditions outlined in the following paragraphs.

When German is taken as the major subject two courses are selected from 61, 62, 63, in consultation with the Department.

If the candidate has never taken the undergraduate course in Middle High German Language and Literature or its equivalent, he must make up this deficiency.

A student intending to proceed to the Ph.D. degree in German at another university is strongly recommended to take course 64 in addition to the two selected.

As a rule the candidate is advised not to attempt to complete the course work and finish the thesis in one winter session. The best arrangement is: Course studies during the winter session, thesis during the summer, graduation in the autumn.

NOTICE TO CANDIDATES FOR THE Ph.D. DEGREE IN OTHER ARTS OR SCIENCE SUBJECTS

The Department offers a course for graduate students who are required to pass a special test showing that they have a reading knowledge of German. This course is given once a week at 5 p.m. on a day to be arranged. It is not designed to build up that reading knowledge by a systematic approach, but rather to guide and advise students in their own efforts and to help solve their difficulties. Those who decide to take it should do so during the session preceding that in which the required language test is held.

DEPARTMENT OF HISTORY

Professor	H. N. Fieldhouse, *Chairman*
Professor (post-retirement)	E. R. Adair
Associate Professors	J. I. Cooper
	C. C. Bayley
	W. S. Reid
Assistant Professor	M. Mladenovic

The honours B.A. in History, which is prerequisite to Graduate work in the subject, may be taken in History alone or in History and another subject. When it is taken in History alone, it requires eight full courses in European, Canadian, British, and U.S. history, taken in a prescribed

sequence, together with certain other approved courses, notably in foreign languages. It also requires the investigation, continued through two years, of a Special Subject which is studied intensively from original sources. When the honours degree is taken in History with another subject, seven courses are taken instead of eight and the Special Subject is omitted. Graduate students who enter with this latter qualification may find it necessary to make good any deficiency in their preparation and the Department is prepared to make this possible.

COURSES FOR THE DEGREE OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

A. HISTORICAL METHOD AND THE PHILOSOPHY OF HISTORY

This seminar consists of two sections:

(1) Historical Method and Criticism

1½ hours throughout the session. *Professors Adair, Bayley, and Cooper*

(2) Philosophy of History

1½ hours, second term. *Professor Fieldhouse*

B. THE HISTORY AND PERSONNEL OF THE ENGLISH HOUSE OF COMMONS IN THE LATE XIV CENTURY

Seminar, 1 hour. *Professor Bayley*

C. THE WYCLIFITE MOVEMENT IN ITS RELIGIOUS AND SOCIAL ASPECTS

Seminar, 1 hour. *Professor Bayley*

D. SIXTEENTH CENTURY SCOTLAND

Seminar, 1 hour. *Professor Reid*

E. THE SEVENTEENTH CENTURY

Seminar, 1 hour. *Professor Adair*

F. ENGLISH HISTORY, 1688-1760

Seminar, 1 hour. *Professor Fieldhouse*

G. ENGLISH HISTORY, since 1870

Seminar, 1 hour. *Professor Reid*

H. WESTERN EUROPEAN HISTORY, 1870-1914, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY

Seminar, 1 hour. *Professor Fieldhouse*

I. A SELECTED PERIOD IN THE HISTORY OF FRENCH CANADA, DOWN TO 1800

Seminar, 1 hour. *Professor Adair*

J. LOWER CANADA OR QUEBEC, 1800-1900

Seminar, 1 hour. *Professor Cooper*

K. HISTORY OF A QUEBEC PARISH

Seminar, 1 hour. *Professor Adair*

L. SOCIAL AND ECONOMIC HISTORY OF MONTREAL, 1867-1900

Seminar, 1 hour. *Professor Cooper*

The Department is prepared to direct the research of graduate students in the following fields:

British History:

(a) English history in the later Middle Ages.

(b) Scottish history in the XV and early XVI centuries.

(c) English and French history in the XVI and XVII centuries.

(d) English history, 1688-1760.

(e) English history, 1870-1914.

(f) Certain aspects of English economic history.

(g) Certain aspects of British foreign policy since 1815.

European History:

(a) The constitutional development of the Holy Roman Empire in the XIII century.

(b) English and French history in the XVI and XVII centuries.

(c) The history of western Europe 1870-1914.

Canadian History:

(a) The history of New France.

(b) The history of the French and English in the Province of Quebec.

(c) The history of Montreal.

The Redpath Library is well equipped with printed sources for the periods and subjects mentioned above, and students pursuing research in Canadian History will be required, as occasion arises, to avail themselves of the manuscript resources of the Dominion Archives at Ottawa and the Provincial Archives at Quebec, and of parochial and other records in Montreal and its vicinity.

Candidates both for the M.A. and for the Ph.D. are required to take course A, and to take the prescribed examination.

In the case of the Ph.D. degree, the Department may require candidates to spend one year in research at another university or repository of archives.

The preliminary Ph.D. examination will be replaced by a report from the Department on the general work and ability of each candidate and by a general examination on the historical background of the subject of the thesis; this examination can be taken either at the end of the first year or during the second, as decided by the director of the candidate's studies.

Candidates for the degree of Doctor of Philosophy should consult the Department as to the selection of the two foreign languages in which they propose to be examined, as these must be chosen for their bearing upon the candidate's special field of research.

DEPARTMENT OF HORTICULTURE

(Macdonald College)

Associate Professor H. R. MURRAY, *Chairman*

Assistant Professors JEAN DAVID
C. D. TAPER

Lecturer D. W. PETTIT

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. POMOLOGY

Lectures and colloquium, 3 hours; laboratory, 3 hours.

B. VEGETABLE CROPS

Lectures and colloquium, 3 hours; laboratory, 3 hours.

C. FRUIT AND VEGETABLE PRESERVATION.

Lectures and colloquium 3 hours; laboratory, 3 hours.

D. EXPERIMENTATION. (See Course 60—Department of Agronomy)

E. PLANT PHYSIOLOGY. (See Course 61—Department of Botany)

F. ADVANCED GENETICS AND CYTOLOGY. (See Course 43b—Department of Genetics)

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

1. A candidate must select either course A or course B or course C. If he selects A or B he must take in addition Agronomy 60 (Experimentation) and at least one further course such as Botany 61 (Plant Physiology) or Genetics 43b (Advanced Genetics and Cytogenetics). If he selects

course C he must take in addition Botany 61 (Plant Physiology), Bacteriology 34 (Food Microbiology), and either Chemistry 51 (Chemistry of Foods and Feeding Stuffs) or Chemistry 52 (Advanced Food Analysis).

2. The research problem must be approved by the Departments involved, each candidate being jointly responsible to the Department of Horticulture and to some other Department, such as Botany, Genetics, or Plant Pathology, approved by the Faculty for his case.

3. The candidate must spend one summer in the Department before or during the course, or have its equivalent at some other approved institution.

INSTITUTE OF ISLAMIC STUDIES

Professor	W. C. SMITH, *Director of the Institute*
Visiting Associate Professors	NIYAZI BERKES
	FAZLU-R-RAHMAN
Assistant Professor	H. A. REED, *Assistant Director*
Lecturer	F. R. C. BAGLEY

The Institute, established in 1952, offers courses and undertakes to direct research in preparation for the M.A. degree in Islamic Studies, as well as conducting research at a more advanced level. Research assistantships and graduate fellowships are offered. The policy is to make these available in such a way that the number of Muslims and of Westerners will be approximately equal. Joint participation, both of students and staff, is a feature of the seminars.

The Institute gives special emphasis to Islam as a religion, and to present-day developments in the Muslim world. Through co-operative study, its endeavour is to understand Islam as a contemporary and living force.

(A) RESEARCH SEMINARS: ISLAM IN THE MODERN WORLD

Each year, approximately two research seminars are scheduled on modern developments in Islam in particular areas (such as: the Arab world, Turkey, Iran, India and Pakistan, Indonesia). Each is led by a visiting professor from the area concerned, with the participation of the Institute staff.

1. ISLAMIC DEVELOPMENTS IN THE MODERN ARAB WORLD

The Wahhabi movement; the Sunusi movement; Jamal al-Din al-Afghani; Muhammad 'Abduh; the Azhar; the modernists; the Ikhwan al-Muslimun.

(*Not given in 1953-54.*)

2. THE DEVELOPMENT OF SECULARISM IN MODERN TURKEY

An analysis of the transition from Ottoman institutions and ideas to those of contemporary Turkey. Beginning with the eighteenth century background of the early attempts at reform, attention is given to the changes during the *Tanzimat*, "Young Turk", and Republican periods, as a preparation for an understanding of contemporary problems raised by secularization. *Professor Berkes*

3. MODERN TRENDS IN ISLAM IN INDIA AND PAKISTAN

Islamic developments in India, from the eighteenth century to the emergence of Pakistan. *Professor Fazlu-r-Rahman*

Texts: Shah Waliyullah, *Hujjat Allah al-Balighah, Tafhimat Ilahiyah;* Isma'il Shahid, *'Abaqat;* Sir Sayyid Ahmad Khan, *Tafsir, Laykcharz ki Majmu'ah;* Amir 'Ali, *The Spirit of Islam;* Iqbal, *Reconstruction;* Abu-l-Kalam Azad, *Tarjumanu-l-Qur'an;* Pakistan constitutional documents.

(B) SEMINARS ON THE HERITAGE OF CLASSICAL ISLAM

11. HISTORICAL DEVELOPMENT OF ISLAMIC THEOLOGY

An endeavour to understand and appreciate significant attempts of Muslims at different periods in the past to give intellectual expression to their faith. Special reference to the Mu'tazilah (with examination of the concepts 'orthodox' and 'unorthodox'), al-Ash'ari, al-Ghazzali, al-Taftazani. Consideration of the role in Islam of such intellectual expression—alongside of, or in contradistinction from, other modes of expression: artistic; mystical; and, particularly, moral and social (the Law). *Professor Smith and the Staff of the Institute*

12. AL-GHAZZALI

The historical background. His life. His writings; viewed in relation to the context out of which they emerged, and considered also for their potential significance for Muslims to-day.

25. READINGS IN THE CLASSICAL ARABIC PHILOSOPHERS

A consideration of the development of philosophic thought among the Muslims, and its relation to the late Greek background; with special reference to Ibn Sina (Avicenna). This writer's *Kitab al-Najat* will be read in Arabic. The role of *falsafah* in classical Islamic culture and thought. *Professor Fazlu-r-Rahman*

(C) COURSES ON ISLAM

These are available to students who, in a "Qualifying Year" at the graduate level, are beginning their studies in this field. The courses, while

not necessarily assuming previous acquaintance with the material, are intensive. They are graduate in quality; they may be required of any students, but, in the case of beginners, will not carry graduate credit towards a degree.

55. HISTORICAL DEVELOPMENT OF THE ISLAMIC PEOPLES TO 1800
Professor Reed and Assistants

56. INTRODUCTION TO THE MODERN NEAR EAST
Professor Reed and Assistants

57. INTRODUCTION TO ISLAM — *Professor Smith and Assistants*

(D) LANGUAGE INSTRUCTION

The elementary courses in each case are not for graduate credit, but rank as courses for the "Qualifying Year". Advanced courses in the chief languages of Islam may be arranged if qualified students present themselves.

100. ELEMENTARY ARABIC
101. INTERMEDIATE ARABIC
110. ELEMENTARY TURKISH
111. INTERMEDIATE TURKISH
120. ELEMENTARY PERSIAN
121. INTERMEDIATE PERSIAN
130. ELEMENTARY URDU
131. INTERMEDIATE URDU

FACULTY OF LAW

Professors
W. C. J. MEREDITH, *Dean*
LOUIS BAUDOUIN
MAXWELL COHEN
J. C. COOPER
C. S. LEMESURIER
F. R. SCOTT

Lecturer
JULIUS GAZDIK

COURSES FOR THE DEGREE OF MASTER OF CIVIL LAW

Candidates must hold the degree of B.C.L. with at least second class honours from McGill University, or its equivalent. They must select one of the four following departments of study, in which they must follow at least one course throughout a session of residence, and must under supervision prepare an acceptable thesis. The general rules for the Master's degree will apply.

The departments of study, which may not all be offered each year, are

Roman Law
Civil Law
Commercial and Maritime Law
Public Law, including International Law

Students may also be required to follow cognate courses in other Departments of the Faculty.

COURSES FOR THE DEGREE OF MASTER OF LAWS

This degree is offered only in the Institute of International Air Law (J. C. Cooper, *Director*). Candidates must hold a degree in Law or be admitted to the Bar, and only those highly qualified or recommended can be accepted; it is desirable that they should possess a working knowledge of both English and French.

The curriculum consists of at least one session's resident study at the Institute. Students whose work is found satisfactory will be permitted to submit a dissertation on an approved subject within the field of the Institute's work during the following year, even though not then in residence. They must be registered, as resident or non-resident, for the session in which the dissertation is submitted. A very high standard will be required for this degree.

Students will be required to take four half courses in each of the two terms of the session of resident study; these must include the four courses listed first below, which are prescribed. Others will normally be selected from the others listed.

International Transport Law
Public International Air Law
Private International Air Law
International Air Regulations
International Law
International Relations
International Trade (Economics 424a and 62)
Principles of Maritime Law
Principles of Civil Law

DEPARTMENT OF MATHEMATICS

Professors	HERBERT TATE, *Chairman*
	P. R. WALLACE
	HANS ZASSENHAUS
Associate Professors	CHARLES FOX
	HYMAN KAUFMAN
	WACLAW KOZAKIEWICZ
	E. M. ROSENTHALL
Assistant Professors	J. D. JACKSON
	JOACHIM LAMBEK
	T. F. MORRIS
	C. D. SOLIN
Lecturer	P. L. BUTZER

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

Applied Mathematics

661. METHODS OF MATHEMATICAL PHYSICS. Introduction to the equations of mathematical physics, classification of differential equations, integral representations, the solution of problems of mathematical physics involving the Laplace, Poisson, and scalar and vector Helmholtz and wave equations; tensor calculus.

3 hours. *Professor Morris*

Textbook: H. Feshbach and P. M. Morse, Methods of Theoretical Physics (Technology Press, M.I.T.).

662. QUANTUM MECHANICS (Physics 62). Introduction to the ideas and methods of quantum theory, with illustrations from the simpler applications in atomic and nuclear physics.

3 hours. *Professor Jackson*

Textbooks: D. Bohm, Quantum Theory (Prentice-Hall); L. Schiff, Introductory Quantum Mechanics (McGraw-Hill).

663. ADVANCED QUANTUM MECHANICS. Methods of advanced quantum theory, including non-relativistic and relativistic scattering processes; Dirac electron theory, interaction of radiation with atomic and nuclear systems, quantum electrodynamics, quantum field theory.

2 hours. *Professor Wallace*

References: Fermi, Elementary Particles (Yale); Heitler, Quantum Theory of Radiation (Oxford); Kramers, Quantentheorie (Edwards);

Mott and Massey, Theory of Atomic Collisions (Oxford); Pauli, Wellenmechanik (Edwards); Schiff, Quantum Mechanics (McGraw-Hill); Sommerfeld, Wellenmechanik (Ungar); Wentzel, Quantum Theory of Fields (Interscience).

664. MATHEMATICS OF QUANTUM CHEMISTRY. Atomic structure, chemical bonding, theory of valency, elements of quantum statistical mechanics: for second year graduate students.

2 hours. *Professor Wallace*

Textbooks: Heitler, Elementary Wave Mechanics (Oxford); Glasstone, Theoretical Chemistry (Van Nostrand).

References: Pauling and Wilson, Introduction to Quantum Mechanics (McGraw-Hill); Dushman, Elements of Quantum Mechanics (Wiley); Gurney, Elementary Quantum Mechanics (Cambridge); Mott, Outline of Wave Mechanics (Cambridge); Penney, Quantum Theory of Valency (Methuen); Eyring, Kimball, and Walter, Quantum Chemistry (Wiley).

(Not offered in 1953-54.)

665. STATISTICAL MECHANICS AND KINETIC THEORY OF MATTER (Physics 65). Classical and quantum statistical mechanics, with applications; statistical theories of the gaseous, liquid, and solid states, including kinetic theory of gases, Debye theory of specific heats, dieletrics, and magnetism, theory of strongly degenerate gases, Planck radiation law, electron theory of metals, Bose-Einstein condensation theory of liquid helium II.

2 hours. *Professor Morris*

Textbook: Lindsay, Physical Statistics (Wiley).

References: Mayer and Mayer, Statistical Mechanics (Wiley); Fowler, Statistical Mechanics (Cambridge); Tolman, Statistical Mechanics (Oxford); Schrödinger, Statistical Thermodynamics (Cambridge); Rice, Statistical Mechanics (Constable); Kennard, Kinetic Theory of Gases (McGraw-Hill); Loeb, Kinetic Theory of Gases (McGraw-Hill).

666. RELATIVITY. The Lorentz transformation, mechanics in special theory of relativity, relativistic formulation of electromagnetic theory. Motion of particles in the electromagnetic field, the physics of relativistic particles, with reference to high-energy accelerators and cosmic ray phenomena, spinor calculus, the Dirac theory of the electron, relativistic invariance in quantum theory. Other relativistic fields, e.g. meson.

2 hours. *Professor Wallace*

References: MacCrea, Relativity Physics (Methuen); Bergmann, Introduction to the Theory of Relativity (Prentice-Hall); Heitler, Quantum Theory of Radiation (Oxford).

667. FLUID DYNAMICS. Equations of motion. Conformal transformations and complex potential theory. Airfoil theory. Vortex theory in two and three dimensions. Theory of viscous flow. Theory of boundary layer.

3 hours. *Professor Fox*

References: Milne-Thompson, Hydrodynamics (Macmillan); Streeter, Fluid Dynamics (McGraw-Hill).

668. ELECTROMAGNETIC THEORY. General properties of the electromagnetic field, relativistic formulation of the theory. Fields and radiation produced by relativistic particles, with application to the angular and frequency distribution from particles in high energy accelerators. Interaction of radiation and charged particles with matter, energy loss, bremsstrahlung, Weiszacker-Williams method. Radiation reaction and damping, classical divergence difficulties. Radiation by finite systems, multipole expansion, angular momentum of radiation, semi-classical treatment of radiation from quantized systems.

2 hours. *Professor Morris*

References: Heitler, Quantum Theory of Radiation (Oxford); Landau and Lifshitz, Classical Theory of Fields (Addison-Wesley); Stratton, Electromagnetic Theory (McGraw-Hill).

(*Not offered in 1953-54.*)

669. SEMINAR IN APPLIED MATHEMATICS. Graduate students proceeding to an advanced degree with specialization in Applied Mathematics will be expected to attend and to participate in this seminar, which will be devoted to discussions of current research topics.

Professors Jackson, Morris, and Wallace

670. THEORY OF THE SOLID STATE. Motion of electrons in crystals; energy bands and Brillouin Zones. Theory of metals. Theories of electric and thermal conductivity, Hall effect, magnetic susceptibility and specific heat of crystals. Types of binding. Electronic motion in ionic crystals; induced conductivity in insulators. Semi-conductors; electron emission and surface contact problems.

2 hours. *Professor Wallace*

References: Mott and Jones, Properties of Metals and Alloys (Oxford), Seitz, Modern Theory of Solids (McGraw-Hill); Mott and Gurney, Electronic Processes in Ionic Crystals (Oxford); Wright, Semi-Conductors (Methuen); Slater, Quantum Theory of Matter (McGraw-Hill); Rice and Teller, The Structure of Matter (Wiley).

671. GROUP THEORETICAL METHODS IN QUANTUM MECHANICS. Introduction to the ideas and methods of group theory with applications to quantum mechanics; rotation, permutation, Lorentz groups; classification of atomic and molecular spectra; theory of nuclear supermultiplets.

2 hours. *Professor Morris*

References: S. Bhagavantam and T. Venkatarayudu, Theory of Groups and its Application to Physical Problems; H. Weyl, The Theory of Groups and Quantum Mechanics; Wigner, Gruppentheorie; Van der Waerden, Die gruppentheoretischen Methoden in der Quantenmechanik.

(*Not offered in 1953-54.*)

672. THEORETICAL NUCLEAR PHYSICS. The quantum mechanics of nuclear processes, including nuclear ground state properties, nuclear forces, structure of nuclei, beta and gamma emission, nuclear reactions at low and high energies.

2 hours. *Professor Jackson*

References: Bethe, Elementary Nuclear Theory (Wiley); Fermi, Nuclear Physics (Chicago); Gamow and Critchfield, Atomic Nucleus and Nuclear Energy Sources (Oxford); Rosenfeld, Nuclear Forces (Interscience).

Algebra and Theory of Numbers

771. MODERN ALGEBRA. Polynomials in a field, factorization of polynomials, algebraic equation, finite extensions, splitting fields. Automorphisms. Groups, simple properties of groups. Galois theory, solving of algebraic equations by radicals. Solvable groups. Applications (Galois fields, geometric problems). Hypercomplex numbers, semi-simple algebras, skew fields. Applications to representation of groups. Ideal theory.

3 hours. *Professor Rosenthall*

Textbooks: Albert, Modern Algebra (University of Chicago Press); Van der Waerden, Modern Algebra.

(*Not offered in 1953-54.*)

773. DIOPHANTINE ANALYSIS AND ALGEBRAIC NUMBERS. This course will serve as an introduction to the problems of Diophantine analysis, will develop the theories of algebraic number fields and integral quaternions, as a basis for application to Diophantine problems and will include some of these applications.

2 hours. *Professor Rosenthall*

Textbook: Skolem, Diophantische Gleichungen.

(*Not offered in 1953-54.*)

774. GEOMETRY OF NUMBERS. Linear spaces and vector groups in Euclidean n-space; Minkowski's theorems on convex bodies, successive minima of gauge functions and their consequences; linear inequalities including Kronecker's general approximation theorem and products of linear forms; reduction theory, extrema of quadratic forms and problems of closest packing.

2 hours. *Professor Rosenthall*

(*Not offered in 1953-54.*)

775. TOPOLOGY. I. Combinatorial Topology.

References: Seifert-Threlfall, Lehrbuch der Topologie (Chelsea); Lefschetz, Topology.

II. Point Set Topology.

Reference: Alexandroff-Hopf, Topologie (Springer).

3 hours. *Professor Zassenhaus*

(*Not offered in 1953-54.*)

776. SEMINAR ON SELECTED TOPICS IN MODERN ALGEBRA.

3 hours. *Professor Zassenhaus*

777. ANALYTIC NUMBER THEORY. Arithmetical functions, elementary theory theory of the distribution of primes; proof of the prime number theorem; equivalent statements of the prime number theorem; Dirichlet's Theorem on number of primes in arithmetic progression; Dedekind modular functions, asymptotic and convergent formulas for the partition of n; estimates of exponential sums; the Zeta function and its generalizations; recent developments in the elementary theory.

2 hours. *Professor Rosenthall*

778. GROUP THEORY. Historical introduction axioms of group theory. Groups and sub-groups. Lattice theory I. Notion of homomorphy and appropriate theorems. Lattice theory II. Free products; direct products; constructions of groups by generators and defining relations. Theory of p-groups; permutation groups; representation theory and its application to group theory. Application of group theory in elementary number theory, in quantum mechanics, in mineralogy, in topology.

2 hours. *Professor Zassenhaus*

Analysis

780. INFINITE SERIES. Infinite series, theory of convergence; summability of divergent series, Toeplitz's theorem, special methods of summation, including the Cesàro, Abel, and Hausdorff methods. Tauberian theorems for power series, Karamata's theorem. Application of the theory to Fourier series, including the theorems of Fejér and Fatou.

2 hours. *Dr. Butzer*

References: Cooke, Infinite Matrices and Sequence Spaces (MacMillan); Hardy, Divergent Series (Oxford); Karamata, Sur les théorèmes inverses des procédés de sommabilité (Paris); Knopp, Theory and Application of Infinite Series (Blackie).

781. FOURIER TRANSFORM THEORY. Fourier series. Fourier integrals and transforms. Functional spaces. Integral equations; dual integral equations.

2 hours. *Professor Fox*

Prerequisites: Mathematics 34b, 44.

References: Whittaker and Watson, Modern Analysis; Titchmarsh, Theory of the Fourier Integral.

(*Not offered in 1953-54.*)

782. SPECIAL FUNCTIONS

2 hours. *Professor Rosenthall*

(*Not offered in 1952-53.*)

783. CALCULUS OF VARIATIONS. First and second variations of an integral. Principle of least action and Hamilton's principle. Isoperimetrical problems, Rayleigh-Ritz principle. Strong variations, theories of Weierstrass and Hilbert. Complete solutions of selected problems.

2 hours. *Professor Fox*

References: Bolza, Lectures on the Calculus of Variations; Bliss, Calculus of Variations.

784. THEORY OF FUNCTIONS OF A REAL VARIABLE. Lebesgue measure and integration. Orthogonal systems. Introduction to Hilbert and Banach spaces.

3 hours. *Professor Kozakiewicz*

References: Saks, Theory of the Integral; Banach, Théorie des Opérations Lineaires; Halmos, Measure Theory.

(*Not offered in 1953-54.*)

785. PROBLEMS AND METHODS IN MATHEMATICS. This course is designed for First and Second year graduate students. It consists in a systematic study of chosen parts of Pure Mathematics through the medium of discussions of problems and original papers.

3 hours. *Professors Kozakiewicz and* ————

(*Not offered in 1953-54.*)

786. FUNCTIONAL ANALYSIS. The course will include Banach spaces, linear operations and functionals, the Hahn-Banach theorem, the general form of linear functionals in the spaces of bounded, continuous and Lebesgue

integrable functions; applications to abstract integration. The moment problem and differential and integral equations will also be discussed.

2 hours. *Professor Kozakiewicz*

References: Banach, Théorie des Opérations Linéaires; Hille, Functional Analysis and Semi-Groups.

787. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE. The course will include analytic continuation, simple functions, normal families, conformal representation, the Riemann mapping theorem, entire functions, elliptic functions, Picard's theorem, Poisson's integral formula and Dirichlet's problem in the plane.

2 hours. *Professor Kozakiewicz*

References: Titchmarsh, The Theory of Functions; Bieberbach, Lehrbuch der Funktionentheorie.

(*Not offered in 1953-54.*)

788. DIFFERENTIAL EQUATIONS. Existence theorems and approximation methods; matrices and systems of equations. Boundary and characteristic value problems. Singularities of various types with stress on physical interpretations; stability theory.

2 hours. *Professor Kaufman*

References: Kamke, Differentialgleichungen; Ince, Ordinary Differential Equations; Collatz, Eigenwertprobleme.

Geometry

892. METRIC DIFFERENTIAL GEOMETRY. The point of view and the material employed here are based almost entirely on Forsyth's *Lectures on Differential Geometry.* The following more general subjects are included: space curves, general theory of surfaces, organic curves on surfaces, deformation of surfaces, triply orthogonal systems of surfaces.

Reference: Forsyth, Differential Geometry.

(*Not offered in 1953-54.*)

893. ANALYTIC AND SYNTHETIC PROJECTIVE GEOMETRY. The course will follow a classical presentation. Some of the topics emphasized are: perspectivity and projectivity, projective theorems relating to the conics, groups of linear transformations, correlations and polarities.

2 hours. *Professor Tate*

Reference: Campbell, Advanced Analytic Geometry.

(*Not offered in 1953-54.*)

Probability and Statistics

900. SEMINAR IN STATISTICS. Topics selected from advanced probability and statistics.

2 hours. *Professor Kozakiewicz*

(*Not offered in 1953-54.*)

History and Foundations

1000. HISTORY AND DEVELOPMENT OF MATHEMATICS. Mathematics in the pre-Greek world, among the Arabs, in Renaissance Europe, in the post-Renaissance period, and in the Nineteenth Century. The modern period. Development of mathematics from the historical point of view. Lectures, reading, and reports. The emphasis is on mathematical ideas rather than on biography.

2 hours.

Textbook: Bell, Development of Mathematics; Neugebauer, Vorgriechische Mathematik; Gow, Greek Mathematics.

(*Not offered in 1953-54.*)

1001. MATHEMATICAL LOGIC. Propositional calculus, Boolean algebra, theory of quantification, foundations of mathematics; syntax, consistency, completeness, decision procedures.

3 hours. *Professor Lambek*

General Remarks

1. The following undergraduate mathematical courses may, in special circumstances, be taken for graduate credit:

Listed in the Arts and Science Announcement—

331 (Statics and Dynamics); 333 (Advanced Calculus); 334 (Differential Equations); 339 (Mathematical Statistics); 343a (Finite Differences); 441 (Mathematical Physics); 442 (Algebra); 444 (Analysis); 446a (Fluid Dynamics); 446b (Mathematical Theory of Electricity and Magnetism); 448b (Advanced Dynamics).

Listed in the Engineering Announcement—

1260 (Differential Equations).

2. The attention of students taking the course for M.A. or M.Sc. is called to the University requirements described on pages 2621, 2622 and 2623 of this Announcement. Students seeking an M.A. or M.Sc. with mathematics as a major subject are required to pass in at least three graduate courses and present an acceptable thesis. They may be required

to submit to an examination on the subject matter of the thesis and the general background of the field of mathematics with which the thesis is concerned.

3. Attention is called to the evening courses leading to the degree of Master of Engineering, which are described in this Announcement under the Department of Electrical Engineering, and to other evening courses.

4. Owing to the increasing impact of Pure and Applied Mathematics upon a large variety of fields of study, attention is particularly called to the possibility of arranging a suitable programme of mathematical courses to meet the individual needs of graduate students majoring in fields other than those listed above.

5. The attention of students who contemplate working for a Ph.D. degree with Mathematics as a major subject is called to the University regulations on pages 2626-2629 of this Announcement. Properly qualified students may be admitted to candidacy for the Ph.D. in Pure Mathematics or in Applied Mathematics by the Graduate Committee of the Department with the approval of the Dean of the Faculty of Graduate Studies and Research. Except in very exceptional cases, students would be admitted to candidacy only after having completed the work for the Master's degree at McGill or elsewhere with distinction. The Ph.D. degree is awarded on the basis of the attainment of a good knowledge of mathematics in general and the writing of a thesis which definitely advances the subject which it treats.

Detailed information regarding departmental requirements is contained in a bulletin, which is issued by the Department. This can be obtained on application to the Chairman of the Department.

DEPARTMENT OF MECHANICAL ENGINEERING

Professor — D. L. Mordell, *Chairman*

Associate Professors — William Bruce; A. R. Edis; J. M. White

The requirements for the M.Eng. degree in mechanical engineering include lecture courses, research work and thesis, and participation in the seminar. Candidates are required to take courses in other departments and are encouraged to take cognate subjects in other faculties.

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

All students proceeding to the Master of Engineering degree in Mechanical Engineering are required to have a satisfactory credit in Course 1260 and such other undergraduate courses as are prerequisite to the graduate courses selected.

G504. Seminar 1 to 2 hrs. per week, session.

All candidates are required to participate.

1. INDUSTRIAL ENGINEERING

G505. MANAGEMENT PROBLEMS

2 hours. *Professor White*

G507. STATISTICAL CONTROL

2 hours. *Professor White*

2. MACHINE DESIGN

G510. ADVANCED MACHINE DESIGN

2 hours. *Professor Edis*

G511. SELECTED TOPICS IN ADVANCED MACHINE DESIGN

6 hours drafting room. *Professor Edis*

G512. PROCESS EQUIPMENT DESIGN

2 hours. *Professor Edis*

3. THERMAL POWER

G515. POWER PLANT CALCULATIONS

2 hours. _____

G516. STEAM TURBINE DESIGN

2 hours. _____

G517. ADVANCED GAS DYNAMICS

2 hours. *Professor Mordell*

G518. GAS TURBINE PROBLEMS AND DISCUSSION

2 hours. *Professor Mordell*

G519. GAS TURBINES

2 hours. *Professor Mordell*

G520. HEAT TRANSFER

2 hours, one term. *Professor Mordell*

G521. NUCLEAR ENGINEERING

2 hours, one term. *Professor Edis*

DEPARTMENT OF METALLURGICAL ENGINEERING

Professor J. U. MacEwan, *Chairman*
Associate Professor Joseph Versteeg
Assistant Professor H. H. Yates

Adequate laboratory and library facilities are available for the courses listed below and for research.

All applicants for admission to advanced studies in the Department of Metallurgical Engineering are required to have fundamental training in Physical Chemistry and Chemical Thermodynamics, and applications of this training to metallurgical processes.

COURSES FOR THE MASTER'S DEGREE

Two degrees, Master of Engineering in Metallurgical Engineering and Master of Science in Metallurgy are available each having its own particular prerequisites.

A. Master of Engineering in Metallurgical Engineering

Candidates for the Degree of Master of Engineering must hold a degree in Metallurgical Engineering and complete the following requirements.

G601. PROPERTIES AND STRUCTURES OF METALS. Atomic structure; electron theory of metals in the solid state; theory of plastic deformation of metals applied to single crystals; phase transformation; recrystallization; creep; assigned reports.

2 hours per week, session. *Professor Versteeg*

G603. UNIT PROCESSES IN EXTRACTIVE METALLURGY. Theoretical studies of selected processes for the smelting and refining of metals. Engineering applications of these processes will be considered. Reports will be assigned.

2 hours per week, session. *Professor MacEwan*

1260. DIFFERENTIAL EQUATIONS (Faculty of Engineering Announcement).

2 hours per week, session.

G605. METALLURGICAL THESIS. A thesis is to be submitted on research conducted in one of the following fields:

(a) Electrometallurgy
(b) Extractive Metallurgy
(c) Physical Metallurgy

Applicants holding an Engineering degree in some related field can proceed to the Master's degree by taking a qualifying year before being registered as degree candidates in the Faculty of Graduate Studies and

Research. Students in this category must have their records appraised by the Department and a programme of studies outlined for the qualifying year.

B. Candidates for the degree of Master of Science in Metallurgy must complete the following requirements.

Candidates for this degree shall have had previous training in the basic sciences of chemistry or physics or both and hold a Bachelor of Science or equivalent degree. Students who hold a Bachelor of Science degree in Metallurgy or its equivalent may be able to proceed to the Master's degree in one year.

Students whose training is deficient will be required to take courses in Metallurgy and in cognate subjects in Chemistry and Physics during a qualifying year before being registered as degree candidates in the Faculty of Graduate Studies and Research.

Applicants for admission will have their academic records appraised by the Department of Metallurgy and a programme of studies will be outlined.

The graduate courses in the Department are the same as outlined for the degree of Master of Engineering.

DEPARTMENT OF MINING ENGINEERING

Professor	R. G. K. Morrison, *Chairman*
Associate Professor	J. S. Godard
Assistant Professor	Talat Salman

Library and laboratory facilities are available for postgraduate studies and research.

Note: A thesis is to be submitted on a suitable subject, normally under one of the following broad headings: (1) mineral dressing; (2) mine economics; (3) industrial relations and management; (4) mine ventilation; (5) rock pressure problems in mines.

Normally three full courses of study are required in addition to the thesis.

COURSES FOR THE MASTER'S DEGREE

784. MINE FINANCE AND COST CONTROL. A course given to fourth year Mining Engineering students, but available to postgraduates who have not taken it. Refer to Announcement of Faculty of Engineering.
2 lectures per week, second term. *Mr. G. B. A. Hall*

G700. ORGANIZATION AND MANAGEMENT OF MINES. A reading and discussion course. *Professor Morrison*

G701. MINE VENTILATION. A course of study and investigation conducted with the co-operation of the Department of Mechanical Engineering. Concerns the supply and flow of fresh air to mines, dust suppression, and the thermodynamics of deep-level ventilation.

Department of Mechanical Engineering and Professor Morrison

Certain other graduate and undergraduate courses in other departments in the University may be optional or required depending on the subject selected for a thesis.

G703. MINERAL DRESSING. An advanced course covering—Amalgamation, Cyanidation, Gravity Concentration, Flotation, Roasting, and Leaching.
1 lecture and 6 hours laboratory per week, session. *Professor Godard*

5-3/54

DEPARTMENT OF NEUROLOGY AND NEUROSURGERY

Professors	WILDER PENFIELD, *Chairman* WILLIAM CONE
Professor of Experimental Neurology	HERBERT JASPER (*In charge of Graduate Studies*)
Associate Professors	K. A. C. ELLIOTT FRANCIS MCNAUGHTON
Assistant Professors	ARTHUR ELVIDGE DONALD MCRAE JERZY OLSZEWSKI PRESTON ROBB ROY SWANK
Lecturers	COSIMO AJMONE-MARSAN DONALD LLOYD-SMITH DONALD TOWER

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY*

A. SEMINAR IN NEUROANATOMY, M.N.I. 3 hours weekly (6 months)

1. Lectures, demonstrations, and discussions, correlated with Course B, Seminar in Neurophysiology.

   Mondays, 5 p.m., beginning in November.

2. Advanced Neuroanatomy for selected group; brain modelling.

   2 laboratory periods weekly beginning in December, times to be arranged. *Professors McNaughton and Olszewski*

B. SEMINAR IN NEUROPHYSIOLOGY. M.N.I. 2 hours weekly (6 months)

Lectures, demonstrations, and discussions, correlated with Course A, Seminar in Neuroanatomy.

Mondays, 8 p.m., beginning in November.

Professor Jasper and Dr. Ajmone-Marsan

C. COLLOQUIUM IN CLINICAL NEUROLOGY.

1 hour weekly, clinics and lectures Wednesdays, 5 p.m., M.N.I.

Staff and Visiting Lecturers

D. SEIZURE MECHANISMS AND CEREBRAL LOCALIZATION; NEUROSURGICAL, ELECTRO-ENCEPHALOGRAPHIC, AND ROENTGENOGRAPHIC CONFERENCE.

M.N.I., 2 hours weekly (9 months)

Professors Penfield, Jasper, and McRae

E. SEMINAR IN NEUROPATHOLOGY. Gross and Microscopic demonstration to be supplemented by collateral work.

1 hour weekly (10 months), Fridays, 5 p.m. *Professors Cone and Penfield*

F. OUTLINE OF NEUROCHEMISTRY.

1 hour weekly (11 weeks).

Lectures and demonstrations, M.N.I., Mondays, 5 p.m. beginning in September. *Professor Elliott and Dr. Tower*

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*NOTE: Candidates for research graduate degrees must be graduates in Medicine or must have had other advanced work in Biological Sciences. Candidates may present courses A, B, E, and F credits toward degree, but not C, D, G, and H. Courses A and B are combined and given as a unit. Degree candidates must secure approval of (1) course supervisor, (2) director of research, and (3) Professor Jasper before entering any of these courses. Candidates may be subjected to examination at the close of the course before credit is given.

Others may enrol in these courses at the discretion of the supervisors.

G. CLINCO-PATHOLOGICAL CONFERENCES—NEUROLOGY
1 hour weekly (8 months)
Time to be arranged. *Professor Olszewski and Dr. C. M. Fisher*

H. COLLOQUIUM IN NEUROLOGICAL ROENTGENOLOGY
1 hour weekly (9 months), Mondays, 9.a.m. *Professor McRae*

DEPARTMENT OF NUTRITION

(Macdonald College)

Professor E. W. CRAMPTON, *Chairman*

Assistant Professors FLORENCE A. FARMER
L. E. LLOYD

Adequate laboratory and library facilities are available for research in a number of branches of Applied Nutrition. The particular research problem which may be undertaken will depend in part on whether the candidate holds a B.Sc., B.Sc. (Agr.), or B.Sc. (H.Ec.) degree. Ordinarily graduates in Agriculture associate themselves with problems related to the nutrition of farm animals, while graduates in Household Science usually undertake projects applicable to human nutrition.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. EXPERIMENTAL TECHNIQUE. Design and conduct of nutritional studies involving experimental animals or subjects; statistical analysis and the interpretation of data from such studies; preparation of technical reports of nutrition research. This course includes lectures on specific topics and the actual conduct and interpretation of one or more research projects, one of which will form the basis of the thesis presented toward the degree sought.

In addition to completion of course A above and the submission of an acceptable thesis, candidates for the Master of Science degree in Nutrition must register for and complete Biochemistry 45, Department of Biochemistry, McGill. Students must also attend and participate in department seminars.

Household Science graduates may, by special arrangement, also elect advanced work in the School of Household Science.

In individual cases, cognate courses may be added to the above requirements on the advice of the director of research.

DEPARTMENT OF PARASITOLOGY

(Macdonald College)

Professor	T. W. M. CAMERON, *Chairman*
Associate Professor	DONALD FAIRBAIRN
Assistant Professor	R. P. HARPUR
Lecturer	L. P. E. CHOQUETTE

Candidates for both the M.Sc. and Ph.D. are required to possess the equivalent of an honours degree in biological science or a degree in veterinary or human medicine. Their curricula should have included general invertebrate Zoology (including Entomology), Organic Chemistry, and Biochemistry; elementary Physiology is also desirable.

Adequate laboratory and library facilities are available at the Institute of Parasitology for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Courses A, B, and C are required for this degree in addition to a thesis, the subject to be selected by the candidate with the approval of the Department.

A, B, and C comprise the main courses, but further courses may be chosen, depending on the research problem selected and the candidate's previous training.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates must possess the equivalent of the M.Sc. (Parasitology), McGill. Course D is required, but candidates may (with the approval of the Department) study cognate subjects (such as Nutrition, Biochemistry, etc.) Such course work must be completed before the commencement of the final year of study.

A. A SYSTEMATIC STUDY OF THE ANIMAL PARASITES OF MAN, DOMESTIC, AND ECONOMIC ANIMALS

3 hours. *Professor Cameron*

B. PRACTICAL PARASITOLOGY

12 hours. *Professor Cameron and Lecturer*

C. FIELD WORK AND SEMINARS. Parasitological surveys. Collections in the field. Methods of control.

Staff

MEDICAL AND VETERINARY ENTOMOLOGY (See Department of Entomology, course 65.).

2 lectures, 3 laboratory hours per week, second term.

Professor E. M. DuPorte

DEPARTMENT OF PATHOLOGY

Professors G. LYMAN DUFF, *Chairman*
THEO. R. WAUGH

Associate Professors G. C. MCMILLAN
J. E. PRITCHARD
DOUGLAS WAUGH

The Department offers adequate laboratory and library facilities in the Pathological Institute for morphological or experimental research and for the courses listed below leading to the degrees of Master of Science and Doctor of Philosophy in Pathology.

QUALIFICATION FOR ADMISSION

Candidates for graduate degrees in Pathology must hold the degree of Doctor of Medicine or its equivalent and must have attained high standing in the courses leading to this degree, especially in the preclinical scientific subjects.

Candidates whose previous graduate training in Pathology is judged to be inadequate, will be required to spend a qualifying year of work in the Department before proceeding to a graduate degree.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

A. RECENT ADVANCES IN PATHOLOGY

Lectures on selected subjects in Pathology. *Professor Duff and Staff*

B. COLLOQUIUM. Demonstration and discussion of current surgical and autopsy material from the routine pathological services of the Pathological Institute.

2 hours throughout the session. *Professors Duff and Waugh and Staff*

C. CONFERENCES. Conferences will be held at regular intervals with graduate students for the purpose of guiding their reading and investigative work and for the discussion of special problems arising from their research.

D. COGNATE SUBJECTS. Each student will be required to take certain courses in cognate subjects, the selection of which will depend upon the student's previous training and on the character of the research problem to be undertaken.

Any candidate for a graduate degree may be required to attend the undergraduate course in General Pathology and be prepared to pass a comprehensive examination in this subject.

A candidate for the degree of Master of Science must take courses A, B, and C, and at least one cognate course. The remainder of his time is to be devoted to morphological or experimental research. The quality of the student's investigative work as embodied in his thesis will be the main consideration in recommending him for this degree.

For the degree of Doctor of Philosophy the candidate must take courses A, B, and C, throughout each year of study in addition to his research. Any cognate subjects required must be completed before the end of the second year.

The quality of the research work as embodied in the Ph.D. thesis will be the main consideration in the award of this degree.

DEPARTMENT OF PHARMACOLOGY

Professor	————
Associate Professor	K. I. MELVILLE
Lecturer	B. G. BENFEY

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates for higher degrees must present evidence of suitable preparation in Chemistry and Physiology and must have completed the course in Pharmacology as given to medical students.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. ADVANCED PHARMACOLOGY

B. COLLOQUIUM
1 hour weekly.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Special arrangements can be made for anyone desiring to proceed to a doctorate.

DEPARTMENT OF PHILOSOPHY

Professors	R. D MACLENNAN, *Chairman*
	RAYMOND KLIBANSKY
Associate Professor	T. G. HENDERSON
Assistant Professor	CECIL CURRIE
Lecturer	ALASTAIR MACKINNON

COURSES FOR THE DEGREE OF MASTER OF ARTS

*8. MORAL AND POLITICAL PHILOSOPHY. 2 hours.

First term: Advanced Ethics. *Professor Maclennan*

Second term: Philosophy of Politics.

*9. PROBLEMS OF LOGIC AND METAPHYSICS. 2 hours

First term: Whitehead's Metaphysics. *Professor Henderson*

Second term: Logic and Epistemology.

*10. THE PHILOSOPHY OF KANT

2 hours. *Professor Currie*

*11. SEMINAR IN PHILOSOPHY I. 2 hours

1953-1954. Issues in Contemporary Philosophy.

Reading: To be announced.

Professors Currie, Henderson, and Maclennan, and Dr. MacKinnon

*12. SEMINAR IN PHILOSOPHY II. 2 hours

1953-1954. Philosophy and Science. *Professor Klibansky*

Seminar courses will be offered in the special fields in which candidates are studying for their degrees.

Before entering upon his course of graduate studies, the student must have devoted two full years to Philosophy, and his competence in the subject should embrace the following:

(1) A general knowledge of the history of Greek philosophy, and of modern philosophy.

* May also be taken b honours undergraduates.

(2) A systematic knowledge of the main philosophical disciplines: logic, ethics, epistemology, and metaphysics.

(3) A special knowledge of at least three of the great European thinkers.

Applicants for graduate study may be required to submit to an examination in order to determine their competence as above defined.

DEPARTMENT OF PHYSICS

Professors	J. Stuart Foster, *Chairman*
	G A. Woonton
Associate Professors	J. S. Marshall
	E. R Pounder
	F. R. Terroux
	H. G. I. Watson
	C. H. Westcott
Assistant Professors	K. L. S. Gunn
	W. F. Hitschfeld
	Anna I. McPherson
	Sydney Wagner
	J. R. Whitehead
Lecturer (1952-53)	M. L. de Angelis
Research Associates	R. E. Bell
	S. W. Breckon
	Hans Neugebauer
	W. M. Telford
	A. L. Thompson

Adequate laboratory and library facilities are available for the courses listed below and for research in any of the main branches of Physics. Equipment for investigations in nuclear physics, electron physics, meteorological physics, electromagnetic radiation, electrical measurements, spectroscopy, heat, and geophysics have been specially developed. An electron microscope and X-Ray Diffraction apparatus are available for collaboration in regard to problems in Chemistry and Biology. A well-equipped Radiation Laboratory for nuclear physics provides space for staff and over twenty graduate students. The eighty-two inch McGill Cyclotron is housed in this laboratory. The Eaton Electronics Laboratory, opened in 1950, provides facilities for research and graduate training in the various branches of electron physics and in it there is also accommodation for over twenty graduate students, in addition to staff. The Macdonald Physics Laboratory continues to provide facilities and space for research by staff and by another group of from ten to fifteen graduate students.

With the approval of the Chairman of this Department, qualified graduate students in Physics may apply to take some of their required courses, and to undertake research, at Macdonald College, the remainder of their courses being taken at McGill University in Montreal.

COURSES AVAILABLE WHEN PHYSICS IS CHOSEN AS A COGNATE SUBJECT

Courses 33, 34, 41, 42, 43, 44, 45 are undergraduate honours courses prerequisite to graduate work in Physics; but they are open to graduate students (1) choosing Physics as a cognate subject, or (2) completing their entrance qualifications for graduate work in Physics.

33. ELECTRICAL MEASUREMENTS. This course is divided into two distinct parts, namely, *33M Electrical Measurements* (1 hour lecture, 3 hours laboratory), and *33E Electronics* (1 hour lecture and 2 hours laboratory). Each part may be taken separately throughout the session as a half course.

Course 33M: D-C. instruments and measurements, complete galvanometer theory, instrument calibration; A-C. circuit theory, operational methods, applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

Course 33E: Theory and application of electronic devices and circuits, elementary radio-engineering.

2 hours; laboratory (33L), 5 hours. *Professor Watson*

Reference Books: Law, Electrical Measurements (McGraw-Hill); Hague, Alternating Current Bridge Methods (Pitman, London); Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Starling, Electricity and Magnetism (Longmans); Kruft Laboratory Staff, Electronic Circuits and Tubes (McGraw-Hill); Terman, Radio-Engineering (McGraw-Hill); Reich, Theory and Application of Electron Tubes (McGraw-Hill).

34. ADVANCED HEAT. The first and second laws of thermodynamics; thermodynamic systems and variables and their mathematical manipulation. Theremodynamics of specific problems including two-phase systems, heat engines, Joule-Thomson effect, thermionic emission, thermal radiation. Kinetic theory of gases and introduction to statistical mechanics. Thermometry and calorimetry.

2 hours per week. *Professor Hitschfeld*

Text: Sears, Introduction to Heat, Thermodynamics, Kinetic Theory and Statistical Mechanics (Addison-Wesley).

References: Zemansky, Heat and Thermodynamics (McGraw-Hill); Hoare, Textbook of Thermodynamics (Longmans Green); Sir James Jeans, Kinetic Theory of Gases (Cambridge University Press), Worthing and Halliday, Heat (Wiley).

41. MATHEMATICAL PHYSICS. Vibration problems, eigenfunctions and eigenvalues, sound waves, scattering problems. Fourier transforms and application to problems of heat conduction and diffusion. Introduction to relativity and wave mechanics.

3 hours. *Professor P. R. Wallace*

Reference books: Margenau and Murphy, The Mathematics of Physics and Chemistry (McGraw Hill); Coulson, Waves (Oliver and Boyd); Lindsay, Concepts and Methods of Theoretical Physics (Van Nostrand); Jaegar, Introduction to Applied Mathematics (Oxford); Joos, Theoretical Physics (Blackie); Sommerfeld, Partial Differential Equations (Academic Press); Born, Atomic Physics (Blackie).

42. ELECTROMAGNETIC THEORY (Half course). Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials; electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics: skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennae.

First term: 1 hour; second term: 2 hours. *Professor Wagner*

Textbook: Slater and Frank, Electromagnetism (McGraw-Hill).

Reference book: Ramo and Whinnery, Fields and Waves in Modern Radio (Wiley).

43. ATOMIC PHYSICS. Production and interpretation of atomic and molecular spectra. Introduction to quantum mechanics.

2 hours. *Professor Foster*

3 hours laboratory (43L) per week. *Professor Westcott*

Textbook: Born, Atomic Physics (Blackie).

Reference books: Richtmeyer and Kennard, Introduction to Modern Physics (McGraw-Hill); Strong, Procedures in Experimental Physics (Prentice-Hall); Stranathan, The "Particles" of Modern Physics (Blakiston); Semat, Atomic Physics; Harnwell and Livingood, Experimental Atomic Physics (McGraw-Hill); Herzberg, Atomic Spectra and Atomic Structure (Dover).

44b. RADIOACTIVITY (Half course). The phenomena of radioactive disintegration and the laws of transformations of successive products. The nature and properties of the radiations; methods of detection and of measurement. Mechanisms of absorption and scattering. Neutrons, positrons and the constitution of nuclei. Methods of producing artificial disintegrations and their products. Introduction to nuclear physics.

Second term: 2 hours. Laboratory, second term, 3 hours (held with 43L). *Professor Terroux*

Reference books: Rutherford, Chadwick and Ellis, Radiations from Radioactive Substances (C.U.P.); Hevesy and Paneth, A Manual of Radioactivity (C.U.P.); Lapp and Andrews, Nuclear Radiation Physics (Prentice-Hall); Cork, Radioactivity and Nuclear Physics (Van Nostrand).

45. ADVANCED LIGHT. The essentials of geometrical and physical optics with advanced laboratory work. Electromagnetic theory, interference, diffraction, polarization, simple spectrum analysis, determination of fine structure of spectral lines, Zeeman effect, and the theory and use of optical apparatus (e.g., glass and quartz spectrographs, Lummer plates, interferometers, and polarimeters).

First term: 2 hours; second term: 1 hour. Laboratory (45L), 3 hours. *Professor McPherson*

Reference books: Robertson, Physical Optics (Van Nostrand); Wood, Physical Optics (Macmillan); Jenkins and White, Fundamentals of Physical Optics (McGraw-Hill); Hardy and Perrin, The Principles of Optics (McGraw-Hill).

COURSES FOR STUDENTS PROCEEDING TO THE DEGREES OF M.A., M.Sc., OR Ph.D. IN PHYSICS

62. QUANTUM MECHANICS (Mathematics 662). Introduction to the ideas and methods of quantum theory, with illustrations from the simpler applications in atomic and nuclear physics.

2 hours. *Professor Pounder*

Note: Students proceeding to a higher degree in Mathematics are given an additional hour per week. This may be attended by any student taking the course.

Textbooks: Schiff, Introductory Quantum Mechanics (McGraw-Hill); Bohm, Quantum Theory (Prentice-Hall).

63. ADVANCED ELECTRICITY AND MAGNETISM. Advanced theory and problems concerning: Electrostatics—images, transformations, coefficients, properties of dielectrics. Current electricity—conduction in infinite solids, circuit

theory, loci, non-linear elements, transients, applications of Heaviside's operational methods, Laplace transforms, determinants and matrices; power machinery and transformers. Electronic devices and circuits. Conduction in gases, associated devices and circuits. Magnetic effects and circuits. Elementary electromechanics.

2 hours. *Professor Watson*

Textbook: Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill).

Reference books: Pender and McIlwain, Electrical Engineers' Handbook, Vol. V (Wiley); Carter, Electrical Transients (C.U.P.); Priesman, Graphical Constructions for Vacuum Tube Circuits (McGraw-Hill); Lee, Graphical Analysis of A-C Circuits (Medaugh, Johns Hopkins); Terman, Radio Engineers' Handbook (McGraw-Hill); Terman, Radio Engineering (McGraw-Hill); Reich, Theory and Application of Electron Tubes (McGraw-Hill).

64. THERMODYNAMICS. Physical basis and fundamental assumptions. Relative importance—and relative bearing on applications—of the equation of state and the first and second laws. Mathematical methods in thermodynamical analysis. Simple and complex systems. Selected applications in physics, chemistry, and engineering. Introduction to statistical thermodynamics.

First term: 2 hours. *Professor Hitschfeld*

Reference books: Zemansky, Heat and Thermodynamics (McGraw-Hill; Bergmann, Basic Theories of Physics, Heat and Quanta (Prentice-Hall); Guggenheim, Modern Thermodynamics (Methuen); Fowler and Guggenheim, Statistical Thermodynamics (C.U.P.).

65. STATISTICAL MECHANICS AND KINETIC THEORY OF MATTER (Mathematics 665). A course in classical and quantum statistical mechanics with selected applications; statistical theories of the gaseous, liquid, and solid states.

Reference books: Mayer and Mayer, Statistical Mechanics (Wiley); Lindsay, Physical Statistics (Wiley); Fowler, Statistical Mechanics (C.U.P.); Schrödinger, Statistical Thermodynamics (C.U.P.); Rice, Statistical Mechanics (Constable, London); Kennard, Kinetic Theory of Gases (McGraw-Hill); Loeb, Kinetic Theory of Gases (McGraw-Hill).

2 hours. *Professor T. F. Morris*

Note: Course 65 will be given in alternate sessions, 1953-54, 1955-56, etc.

66. (a) ELECTROMAGNETIC THEORY AND (b) PHYSICAL ELECTRONICS. Retarded potentials; Hertz vectors; Huygen's principle formulated in scalar and in vector form; equivalent solution of diffraction and radiation problems by current sheets; application of these fundamentals to the calculation of microwave radiators.

Emission of electrons; trajectory equations in electric and magnetic fields; electron lenses; aberration; design of electron guns; application of electron optics.

2 hours. *Professor Woonton*

Textbooks: Stratton, Electromagnetic Theory (McGraw-Hill); Cosslett, Introduction to Electron Optics (Oxford, Clarendon Press).

Reference books: Schelkunoff, Electromagnetic Waves (Van Nostrand); Zworykin, Electron Optics and the Electron Microscope (Wiley).

67. SEMINAR, NUCLEAR PHYSICS. The theory and the development of modern nuclear physics. Current nuclear research.

2 hours. *Professor Foster*

68. SEMINAR, GENERAL PHYSICS. This seminar, in which students are required to take an active part, will cover the range of topics in which those in attendance may be specializing.

2 hours. *Professor Marshall*

69. SEMINAR, RADIO PHYSICS. Topics will be discussed concerning the ionosphere, solid state, microwave optics, and noise in circuits.

2 hours. *Professor Woonton*

*70. ADVANCED STATICS, DYNAMICS, HYDRODYNAMICS, AND SOUND.

2 hours.

Textbook: Lamb, Higher Mechanics (C.U.P.).

Reference books: Lamb, Dynamical Theory of Sound (Arnold); Bateman, Dryden and Murnaghan, Hydrodynamics (N.R.C., U.S.A.); Goldstein, Fluid Dynamics (Clarendon).

71. APPLIED GEOPHYSICS Selected topics as enumerated in prerequisite course 47 (See Arts and Science Announcement) are given more advanced mathematical treatment. Supplementary theory, problems, and analysis of field results are added. Arrangements for practical experience in the field will be made, when possible.

2 hours. *Professor Watson*

Textbook: Eve and Keys, Applied Geophysics, 2nd ed. (C.U.P.).

Reference books Ambronn, trans. Cobb, Elements of Geophysics (McGraw-Hill); Heiland, Geophysical Exploration (Prentice-Hall).

*Not offered in 1953-54.

74. GENERAL SEMINAR. In addition to the above courses, a review of the general requirements for the preliminary examinations for the degree of Ph.D. is given in a seminar in the first term under the guidance of the professors of the Department.

2 hours, first term.

75A, 75B, 75C. These are the reference numbers for the first three *Preliminary Ph.D. Examinations*, namely the *General Paper* (75A), the *Problem Paper* (75B), and the *Preliminary Oral* (75C)

76. Reference number of the *Special Paper* of the Preliminary Examinations. This paper covers the specific fields of Physics bearing on the research of the candidate.

81, 82, 83. RESEARCH. These are the reference numbers for registration of research requirements for M.Sc. and Ph.D. students. The respective numbers refer to the research work conducted in the minimum three years of progress towards the Ph.D. degree, as noted below.

A suitable selection of the above courses may be made by qualified students when Physics is taken as a partial or a cognate subject.

Requirements for Master's Degree and First Year Ph.D.: (a) Research 81, and M.Sc. thesis thereon. (b) Mathematics 661, Physics 62, and Physics 63 or Physics 66. Also one other course to be chosen with the approval of the Supervisor of the student's research and the Chairman of the department. (Substitutions for any of the above named courses will only be approved in exceptional cases.)

Second Year Ph.D.: (a) Research 82. (b) Preliminary Examinations in December; Seminar 74. (c) Seminar 67, 68, or 69. One additional course in Physics, Mathematics, or cognate subject may be permitted, or required, with the approval of the Supervisor of the student's research, and of the Chairman.

Third Year Ph.D.: Completion of research 83, and Ph.D. thesis thereon. Final Oral. One course, examination optional, is also required.

For Ph.D. language requirements see page 2628.

Attendance at the Physical Society, seminars, and other scientific meetings, together with the presentation of papers, form an important element in the training of graduate students.

DEPARTMENT OF PHYSICS

(Macdonald College)

Professor	WILLIAM ROWLES, *Chairman*
Associate Professor	W. F. OLIVER
Lecturer	J. K. KINNEAR

The courses below may form part of the required courses for graduate students in Physics (see page 2719), or may be taken by students in other departments as a cognate subject.

COURSES AVAILABLE TO GRADUATE STUDENTS

A. ADVANCED BIOPHYSICS
2 hours, second term. *Professor Rowles*
(*Given in 1954-55.*)

B. THEORY OF PROBABILITY
2 hours, second term. *Professor Oliver*
(*Given in 1953-54.*)

DEPARTMENT OF PHYSIOLOGY 53/54

Professors	F. C. MACINTOSH, *Chairman*
	A. S. V. BURGEN
Associate Professors	B. DELISLE BURNS
	NORRIS GIBLIN
Assistant Professors	SIMON DWORKIN
	PAUL SEKELJ
	KATHLEEN G. TERROUX

Candidates who as undergraduates have satisfactorily completed the Honours Course in Physiology (including six full courses in Physiology) may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department. Others will usually require a qualifying year. Candidates for the Ph.D. degree must pass a general examination in Physiology, but will be judged principally by the ability they display in research. Candidates for either degree are expected to attend the graduate courses listed below, and may be required also to pass certain advanced undergraduate courses in Physiology or related subjects.

The main research interests of the Department are at present the chemical and electrical behaviour of the nervous system and of cardiac muscle, and the release of physiologically active substances from tissues.

ADVANCED UNDERGRADUATE COURSES

41. ADVANCED PHYSIOLOGY.
2 hours lecture and seminar.

41L. ADVANCED PHYSIOLOGICAL LABORATORY
8 hours.

42. SELECTED TOPICS IN PHYSIOLOGY
1 hour lecture, laboratory and seminar.

GRADUATE COURSES

61. LECTURES ON SELECTED ADVANCED TOPICS. The subject matter varies from year to year.
1 hour.

62. PHYSIOLOGICAL COLLOQUIUM
1 hour.

DEPARTMENT OF PLANT PATHOLOGY

(Macdonald College)

Professor J. G. COULSON, *Chairman*

Assistant Professors E. O. CALLEN
O. A. OLSEN

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates must have completed satisfactory undergraduate courses in Plant Morphology, Physiology, Taxonomy, Histology and Cytology. Specialists in Plant Pathology should possess a general knowledge of the fundamental practices in Agronomy and Horticulture.

COURSES FOR THE DEGREES OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

61. HISTORY OF PLANT PATHOLOGY
1 lecture for 1 term. Extra reading required.
Textbook: Whetzel, History of Phytopathology (Saunders).

62. ADVANCED MYCOLOGY
A general course in Systematic Mycology is a prerequisite.
2 lectures and 2 laboratory periods. *Professor Callen*

Textbooks: Gaumann and Dodge, Comparative Morphology of the Fungi (McGraw-Hill); Stevens, Plant Disease Fungi (Macmillan); Wolf and Wolf, Fungi (Wiley).

63. ADVANCED PLANT PATHOLOGY

2 lectures and 2 laboratory periods. *Professor Coulson*

Textbook: Heald, Manual of Plant Diseases (McGraw-Hill).

64. PRINCIPLES OF PLANT PATHOLOGY

2 lectures and 3 laboratory periods. *Professor Coulson*

Textbooks: Gaümann, Principles of Plant Infection (Crosby Lockwood & Son); Lilly and Barnett, Physiology of the Fungi (McGraw-Hill).

65. PLANT PHYSIOLOGY (Course 61 or 63—Department of Botany).

66. SEMINAR. A course entailing reading, discussion, appreciation and criticism of research articles, monographs, etc.

1 period. *Professor Coulson and Staff*

Candidates for the Master's degree and first year Ph.D. students must satisfy the requirements of course 66 and two from 62, 63, and 64.

Second year Ph.D. students are required to take course 66 and all other courses listed above which were not taken during the previous year.

Third year Ph.D. students devote most of their time to research and the writing of a thesis. A candidate may be held responsible for a course in a cognate subject bearing upon his research.

The Ph.D. degree in Plant Pathology is offered in close association with the Department of Botany. The preliminary oral examination is conducted jointly by both Departments. The research and thesis must be in the field of Plant Pathology.

DEPARTMENT OF POULTRY HUSBANDRY

(Macdonald College)

Professor	W. A. MAW, *Chairman*
Associate Professor	NIKOLAI NIKOLAICZUK

Specialization in poultry husbandry in undergraduate training is preferred. Other candidates should have a background in biological chemistry or genetics where specialization is desired in poultry nutrition or poultry genetics respectively.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. ADVANCED POULTRY NUTRITION

Candidates for the M.Sc. in Poultry Husbandry (Nutrition) will take course A and at least two of the following: Agronomy 60 (Experimentation), Biochemistry 32 (McGill: Endocrinology), Biochemistry 45 (McGill: Oxidation and Metabolism).

B. ADVANCED POULTRY BREEDING

Arrangements are made to have a limited number of candidates register in the Department of Genetics for the required course work. The thesis problem can be conducted in the Department of Poultry Husbandry. The Departments are jointly responsible for such candidates.

DEPARTMENT OF PSYCHIATRY

Professor	D. EWEN CAMERON, *Chairman*
Associate Professors	R. A. CLEGHORN
	MARTIN HOFFMAN
	R. B. MALMO
	A. E. MOLL
	MIQUEL PRADOS
	BARUCH SILVERMAN
Assistant Professors	T. E. DANCEY
	F. E. HANSON
	H. E. LEHMANN
	G. E. REED
	TAYLOR STATTEN
	ERIC WITTKOWER

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Admission is restricted to candidates who hold an M.D. with good standing from an approved institution, and have adequate post-graduate experience in clinical psychiatry.

Adequate library and laboratory facilities are available in the Department of Psychiatry (Allan Memorial Institute) for the courses listed below and for research.

(a) ADVANCED PSYCHOTHERAPEUTICS
1 hour. *Professor Cameron and Staff*

(b) ADVANCED PSYCHODYNAMICS
1 hour. *Professors Cameron, Prados, and Stern*

(c) COLLOQUIUM ON CLINICAL PSYCHIATRY
1 hour (Wednesdays).

(d) COGNATE SUBJECTS:

Each student will be required to take certain courses in cognate subjects, such as Psychology, Sociology, Endocrinology, and Neurology. These will be determined upon the basis of the special field of psychiatry in which the candidate's research work is being carried out.

DEPARTMENT OF PSYCHOLOGY

Professors	D. O. HEBB, *Chairman* G. A. FERGUSON
Associate Professors	A. S. LUCHINS R. B. MALMO E. C. WEBSTER
Assistant Professors	DALBIR BINDRA
Lecturers	HERBERT DÖRKEN GEORGES DUFRESNE VERITY ROSS I. H. SCHEIER BLOSSOM WIGDOR
Research Associates	BRENDA MILNER W. R. THOMPSON

Graduate work in the Department of Psychology follows two main lines: experimental-theoretical, including comparative, physiological, and social psychology, as well as statistical method, leading to M.A., M.Sc., and Ph.D. degrees; and applied psychology, chiefly in the industrial, personnel, and guidance fields, leading to M.Ps.Sc. and D.Ps.Sc degrees. Training in clinical psychology is offered for the M.Ps. Sc. degree; but the student who wants to prepare himself for clinical work at the doctoral level must aim at a Ph.D. in social, experimental, or physiological psychology, and cannot take a "Ph.D. in clinical psychology" (in the current meaning of the phrase) in this department.

The degrees of M.Ps.Sc. and D.Ps.Sc. are awarded to candidates who achieve a high standard of scholarship in psychology and related fields, who have had extended practical experience in some form of applied psychology, and who have demonstrated an aptitude for such professional application of psychological knowledge. The minimum time necessary for the M.Ps.Sc. will be two years, the second of these spent in full-time practical work under supervision. The minimum time for the D.Ps.Sc. is a further three years after the M.Ps.Sc., the third year being again

spent in full-time practical work under supervision. No thesis will be required for the M.Ps.Sc. degree; that for D.Ps.Sc. will not require the extensive period of concentrated research which is expected in a thesis for the Ph.D. These two degrees in applied psychology will require the same high standard of scholarship as the M.A. or Ph.D., but imply a distinction in the kind of work for which the candidate is preparing.

Special note: For the present, no candidates are being accepted for the D.Ps.Sc. degree (M.Ps.Sc. candidates are accepted, however).

No distinction in training is made between M.A. and M.Sc. degrees; which of these the candidate enrols for is determined by his Bachelor's degree (*i.e.*, B.A. is followed by M.A., B.Sc. by M.Sc.).

Admission to graduate work will depend on the estimate made by members of the department of the student's aptitude for original contributions to knowledge, or for professional contribution in the applied field. It will not depend merely on high marks made in course work, nor on the student's having taken a large number of courses in psychology. In addition to a biologically-oriented introductory course the student should have four full courses (each the equivalent of six semester-hours), including experimental, systematic (or theoretical) psychology, and some knowledge of the historical development of modern ideas. Some knowledge of statistical method as applied to psychological problems (equivalent to an introductory course in this field) is essential.

Equally necessary are a knowledge of elementary physiology and of physics or chemistry, some comprehension of philosophical thought, and of modern developments in other social sciences. All students, no matter what kind of specialization is ultimately aimed at, are expected to have the same core of undergraduate training, equivalent to the Honours degree at McGill. The student who has not sufficient preparation, either in psychology or in the related subjects referred to above, but has shown promise of aptitude for advanced original work, may be accepted after the completion of a qualifying year.

In its present crowded condition, the Department may refuse to consider applications received after April 1. Candidates must submit with their applications the results of the Miller Analogies Test. Those who are not at a centre where the Miller Analogies can be given should make arrangements for a special examination.

Courses offered in this Department are of two kinds. Those numbered between 51 and 59 provide a background for technical training, and are not normally taken as part of the work for the M.A., M.Sc., and Ph.D. degrees, while those numbered 60 or higher are meant as preparation for these latter degrees.

51a. METHODS OF TEST CONSTRUCTION
Methods of measurement, reliability, validity, item analysis, etc.
First term: 3 hours.

52a. APPRAISAL OF INTELLIGENCE
Use of Stanford-Binet and Wechsler tests primarily.
First term: 1 hour, 4 hours testing.

53a. MEASURES OF OPINION AND ATTITUDE
First term: 3 hours.

54b. INDUSTRIAL PSYCHOLOGY
Second term: 3 hours.

55. APPRAISAL OF PERSONALITY
Use of Rorschach and TAT primarily.
1 hour, 4 hours testing.

56. EDUCATIONAL AND VOCATIONAL GUIDANCE
3 hours.

57. SOCIAL FACTORS IN BEHAVIOUR PROBLEMS
3 hours.

58. ADVANCED EDUCATIONAL PSYCHOLOGY
3 hours.

61. ADVANCED STATISTICS. A didactic advanced course normally required of all entering graduate students.
3 hours.

62. INTRODUCTION TO PSYCHOLOGICAL THEORY. Seminar, required of all first-year graduate students, designed as an introduction to other courses listed below.
3 hours.

63. SEMINAR IN ADVANCED EXPERIMENTAL PSYCHOLOGY
3 hours.

64. SEMINAR IN COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY
3 hours.

65. SEMINAR IN DEVELOPMENTAL PSYCHOLOGY
3 hours.

66. SEMINAR IN SOCIAL PSYCHOLOGY
3 hours.

67. SEMINAR IN INDUSTRIAL PSYCHOLOGY
3 hours.

68. SEMINAR IN MEASUREMENT AND QUANTITATIVE ANALYSIS
3 hours.

69. SEMINAR IN PERSONALITY
3 hours.

70. CONFERENCES ON THE THESIS. Required of all candidates for the M.A. or M.Sc. degree, with course standing to be assigned on conclusion of the comprehensive examination on the thesis.

REQUIREMENTS FOR M.A. AND M.Sc. DEGREES

Candidates must demonstrate a sound knowledge of modern theory, of its historical development, and of the logic of statistical methods as used in psychological experiment. They will be expected to have an understanding of the main lines of current work in other than their own particular field of specialization.

All candidates must take courses 61, 62, and 70, and in addition any other course specified by the department. The primary concern of the candidate, however, is his thesis. For this the exploratory work, at least, should get under way early in the year. Following presentation of the thesis, a comprehensive written or oral examination will be held which, in conjunction with the thesis itself, will determine the candidate's final standing for the degree.

REQUIREMENTS FOR THE Ph.D. DEGREE

The candidate for the Ph.D. degree must demonstrate a broad scholarship, mastery of current theoretical issues in psychology and their historical development, and a detailed knowledge of his special field. Preliminary examinations will be held at two stages: one at the time of the Master's degree or immediately afterward, and one at the conclusion of the following year. These examinations may be written or oral, or both, at the discretion of the department. They will cover four fields, as follows: (a) modern theoretical issues and history; (b) "experimental" (normal human adult) psychology and statistical methods; (c) and (d) two from the following: comparative and physiological psychology; developmental psychology; social psychology; personality; advanced statistics; industrial psychology.

REQUIREMENTS FOR THE M.Ps.Sc. DEGREE

Candidates for the M.Ps.Sc. degree will be expected to achieve a level of scholarship equivalent to that of the M.A., but over a wider field. During the first year the candidate will take five courses. He will also spend some time in practical work. The second year will be spent in full-time practical work under supervision.

Award of the degree M.Ps.Sc. will be determined by the student's standing in course examinations, by his standing in a comprehensive examination or examinations, and by the report of his supervisors concerning his fitness for professional work in psychology.

REQUIREMENTS FOR THE D.Ps.Sc. DEGREE

(*This degree is not being given at present.*)

Following a Master's degree in psychology, work for the D.Ps.Sc. degree will include two further years of study and course work in psychology *and in related fields* such as sociology, economics, anthropology, education, and industrial engineering, followed by another year of supervised practical work. At some time during this period a thesis must be written which makes a contribution to original knowledge. This will differ from the Ph.D. thesis, however, in that the latter will be based on two years of intensive concentrated research: the thesis for the D.Ps.Sc. must be of high quality but need not represent as extensive a contribution to theoretical knowledge.

Preliminary examinations for admission to candidacy will be held in two stages, one approximately at the time of the Master's degree, and one at the end of the first year of study. These may be written or oral, or both. They will cover the ground of the Ph.D. preliminary examinations as described above, and will also include a detailed understanding of professional techniques. A reading knowledge of one foreign language must be demonstrated.

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

Associate Professors	Oswald Hall, *Chairman*
	W. A. Westley
Assistant Professors	Frederick Elkin
	Jacob Fried
	Aileen D. Ross
Research Assistant	Roberta Markus

GRADUATE STUDIES

The department of Sociology offers work towards the M.A. degree both to the student taking Honours in sociology within the university and to accredited students from other universities who have the B.A. degree.

The undergraduate courses prerequisite to graduate work are: 30a, 31b, 34a, 42a, 42b, 43a, 43b, and one of the following: 41a, 45a, 46a, or 411b. All of these courses are available to students who are completing the entrance requirements for graduate work. In addition, courses in the fields of Criminology, Collective Behavior, Mass Communications, and Minority Groups are available to graduate students by special arrangement. A student transferring to McGill would be expected to have attained the equivalent of satisfactory Honours standing (a minimum of 65% in each course) in the prerequisite courses. For further information regarding the undergraduate courses in Sociology consult the Announcement of the Faculty of Arts and Science.

To obtain the M.A. degree the student is required to register for three graduate seminars (Sociology 61, 71, 72). However, the primary concern of the candidate is his thesis. For this, the exploratory work at least should be undertaken early in the graduate year. Following the presentation of the thesis a comprehensive oral examination will be held which, in conjunction with the thesis itself, will determine the candidate's final standing for the degree.

The department encourages research in such subjects as:

(1) Social stratification and mobility

(2) The relationship of Ethnic and other Minority Groups

(3) Public Opinion and the Media of Mass Communications

(4) Collective Action and Social Movements

(5) Education and Socialization

(6) Specific Institutions and Professions such as the family, the hospital, the Medical Profession, etc.

(7) Industrial Institutions and Business Organizations.

Students trained elsewhere who lack the entrance requirements for graduate work at McGill will find facilities available to enable them adequately to qualify themselves for graduate work.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Sociology

30a. MODERN COMMUNITIES. (Half course) A survey of the literature on contemporary communities. Deals mainly with descriptions of distinctive community settings of the North American continent.

3 hours *Professor Hall*

31b. COMPLEX SOCIAL STRUCTURES. (Half course.) Analysis of organized groups in a complex social system; classification of institutions; theory of institutional statuses and roles; career lines of individuals; case study of the professions.

3 hours *Professor Hall*

34a. THE FAMILY (Half course). The structure and function of the family and its relation to the social structure; the family and social change; the family as a primary group; family disorganization and reorganization.

3 hours. *Professor Ross*

41a. HUMAN ECOLOGY (Half course). Rise of modern urbanism; theories of urban growth; distributions of population resulting from competitive and social factors; human ecology and community planning.

3 hours *Professor Elkin*

42a. CULTURE AND PERSONALITY (Half course). The study of culture and personality with emphasis upon the cultural background; the process of socialization as it is revealed in a comparative study of primitive societies.

3 hours *Professor Fried*

42b. SOCIAL PSYCHOLOGY (Half course). Personality development; the origin of the self; the emergence of patterns of social behaviour; the analysis of social action; the formation of attitudes.

3 hours *Professor Westley*

43a. HISTORY OF SOCIOLOGY (Half course). Social thought and historical developments which led to the development of sociology as a separate discipline; early sociologists in Europe and America; trends in foci of interest and research methodology.

3 hours *Professor Elkin*

43b. METHODS IN SOCIOLOGY (Half course). Techniques for the investigation of sociological problems including interview, personal document, participant observation, typology, content analysis, experiment, and questionnaire; problems of research design.

3 hours *Professor Elkin*

46a. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS (Half course). Formal and informal organization in the work world; bureaucratic and related forms of organization; the role of cliques, conflict groups, and similar forms of association.

3 hours *Professor Hall*

45a. THE PROFESSION (Half course). Specialization and the rise of the professions; recruitment, training, and initiation; formal and informal organization in the professions; codes and social control; stages in a professional career.

3 hours *Professor Hall*

411b. SOCIAL STRATIFICATION AND SOCIAL MOBILITY (Half course). The study of social ranking, with special reference to the United States and Canada; the distribution of objective privileges among the members of a society; the subjective ranking of members by self and by others; the criteria of rank and the symbols associated with rank; solidarity within classes seen in terms of intermarriage, class-consciousness and "class warfare"; the ease or difficulty of social mobility, with special reference to occupational choice and educational achievement.

3 hours *Professor Ross*

61. SOCIAL COMMUNICATIONS AND PERSONALITY (Full course). Seminar for advanced study in the theory of social communications and interaction; emphasis is placed on the development of the social self, and the socio-linguistic bases of human communication.

3 hours *Professor Westley*

71. THE SOCIAL DIVISION OF LABOR (Full course). A discussion of recent theory pertaining to social organization. Largerly concerned with the works of Durkheim, Weber, and contemporary American writers.

3 hours *Professor Hall*

72. READING IN SOCIAL THEORY (Full course).

3 hours. *Staff*

Anthropology

Students interested in graduate work in Anthropology should communicate with the chairman of the department.

DEPARTMENT OF ZOOLOGY

Professors	JOHN STANLEY, *Chairman*
	N. J. BERRILL
Associate Professor	M. J. DUNBAR
Assistant Professor	H. R. SCOTT
Lecturer	JOAN RATTENBURY
Special Lecturer (Professor of Parasitology and Director of the Institute of Parasitology at Macdonald College)	T. W. M. CAMERON

Graduate students are expected to take such courses, including cognate courses in other departments, as relate to their particular line of specialization, if not previously taken. Qualifying students may be required to take up to five full courses, others will take from two or three in their first year to none in their last year. Primary emphasis for both the M.Sc. and Ph.D. is placed upon research and thesis presentation.

Ph.D. candidates will be required to write a comprehensive examination lasting six hours in February of their penultimate year. Copies of past papers are available in the Department.

The Department specializes in work bearing on developmental theories, embryology, histology, biomathematics, marine and Arctic biology.

Excellent laboratory and library facilities are available for research, including constant temperature equipment. The Blacker and Wood Zoological Libraries comprise over 50,000 volumes.

Students are accepted on the basis of a good Honours degree from a Canadian or British University, or on the basis of first class standing with a major in the biological field from an American University. Students applying on the basis of an Honours degree in the General Honours in the Biological Sciences course offered at McGill University should have at least a high second class, and should understand that they may have to spend additional time in fortifying their knowledge of zoology.

24. INVERTEBRATE ZOOLOGY (*except* ARTHROPODA) (Full course). A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of invertebrate animals other than the Phylum Arthropoda. Graduate students will be expected to do additional work and reading.

2 lectures, 1 laboratory per week, for 2 terms. *Professor Stanley*

Textbooks: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan); Bullough, *Practical Invertebrate Anatomy* (Macmillan).

(*Offered in alternate years with Zoology 25 and 25L. Offered in the session 1953-54.*)

25. THE ARTHROPODA (Full course). A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of animals of the Phylum Arthropoda. Graduate students will be expected to do additional work and reading. Students taking Zoology 25 must also take Zoology 25L, the laboratory course, and must take it in the same year as Zoology 25.

3 lectures per week, for 2 terms. *Professor Stanley*

Textbooks: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan); Bullough, *Practical Invertebrate Anatomy* (Macmillan).

(*Offered in alternate years with Zoology 24. Not offered in the session 1953-54.*)

25L. LABORATORY (Half course). The laboratory work of Zoology 25. It must be taken along with Zoology 25, in the same year. A laboratory outline is issued by the Department.

2 laboratory periods of 2 hours each, per week, for 2 terms.

Professor Stanley

(*Offered in alternate years with Zoology 24. Not offered in 1953-54.*)

31. HISTOLOGICAL TECHNIQUE (PRACTICE AND THEORY) (Full course). Training in the making of various types of histological preparations, discussion of the theories involved, and interpretation of the results obtained.

1 hour lecture and 6 hours laboratory. *Professor Scott*

Prerequisite: Zoology 22a (Second class standing).

32. ANIMAL ECOLOGY (Full course). A study of the inter-relations between animals, groups of animals, and their environments. The zoogeography of terrestrial, marine and fresh water populations; the analysis of the physical environment in all three divisions of the biosphere; migrations, emigrations, and other movements of animals, and the numerical behaviour of populations. Ecology and Evolution. Graduate students will be expected to do additional work and reading.

3 hours. *Professor Dunbar*

Textbook: Hesse, Allee and Schmidt, *Ecological Animal Geography* (John Wiley & Sons).

33. EXPERIMENTAL ZOOLOGY (Full course). A general analysis of development, together with normal, regenerative, and malignant growth; experimental and analytical methods; theory construction; guide to current zoological literature. Graduate students will be required to do additional work and reading.

3 hours lectures per week for 2 terms. *Professor Berrill*

Textbook: Weiss, *Principles of Development.*

34. CULTURE METHODS (Full course). Methods of culture and maintenance of invertebrate and lower vertebrate animals and studies of their life-cycles. Graduate students will be required to do additional work and reading.

4 hours laboratory and conference period per week throughout 2 terms. *Professor Berrill*

Textbook: Galtsoff, *Culture Methods for Invertebrate Animals.*

35. APPLIED BIOMATHEMATICS (Half course). A study of mathematical theories of growth and form, mathematics as applied to the growth of populations; host-parasite relations, relative growth, radio-active tracers, etc. Graduate students will be expected to do additional work and reading.

2 lectures per week, first term; 1 per week, second term.
Professor Stanley

37. THE HISTORY OF BIOLOGY. A study of the development of scientific observation in biology, with emphasis on zoology, from the Sixth Century B.C. to the present day. The history of anatomy, comparative morphology, embryology, palaeontology, and ecology. Theories of the relationships of animals, and parts of animals, and of their evolution. Philosophical history of biology. Biological expeditions. Graduate students will be expected to do additional work and reading.

Alternately 1 and 2 lectures per week for 2 terms. *Professor Dunbar*

Textbooks: Singer, *Short History of Biology;* Nordenskiold, *History of Biology*; plus a large reading list of monographs and original material.

43b. LIMNOLOGY (Half course). A study of the fresh water environment and its organisms. The classification of inland waters, physical and chemical characteristics of lakes, the plankton and nekton, cyclomorphosis, the benthos, productivity and developmental sequence in lakes, running water systems, special environments.

Second term: 3 lectures per week. Field trips if possible.
Dr. Rattenbury

Text: Welch, *Limnology* (McGraw-Hill).

51. ARCTIC ZOOLOGICAL RESEARCH (Full course). A seminar course for graduate students designed to stimulate interest in zoological work and research in Arctic North America. The history of zoological work in the north, special problems, conservation and development, field methods. Introduction to the literature.

3 hours per week throughout 2 terms. *Professor Dunbar*

Text: No set text—the whole literature is reviewed.

52. THE GROWTH OF POPULATIONS (Full course). A study of the works of Bailey, Crombie, Gause, Lotka, Malthus, Mendes, Nicholson, Salt, Stanley, Volterra, Weiner and others relative to mathematical theories of the growth of populations. A laboratory study of a population and analysis of the results.

Seminars, lectures and laboratory work equivalent to 2 hours lectures and 3 hours laboratory per week for 2 terms.

Professor Stanley

Textbooks: No set text. Original papers are used.

53. MARINE BIOLOGY (Full course). A study of the fundamentals of, and methods in, marine biology (including physical oceanography). An introduction to the literature.

Seminars, lectures, and discussion equivalent to 3 hours lectures per week for 2 terms.

The Staff

Textbooks: No set text.

LIBRARIES

All resident graduate students have access to the Redpath Library, containing over 500,000 volumes. The building also houses a number of special collections, such as the Blacker Library of Zoology. The Libraries of Engineering and of Medicine are housed in the Engineering and Medical buildings; the latter includes much of the material for the medical sciences, and a separate room contains the Osler Library, devoted principally to medical history. There are special libraries for Commerce and Law and at Macdonald College. A number of Departments maintain special libraries, of which the most extensive are in Chemistry, Geology, and Physics, grouped together in the Physical Sciences Centre. All of these collections may be consulted by resident graduate students, though the hours for reading and the conditions under which books may be consulted or borrowed are not the same in all cases.

McGill University

Montreal

Library School

1953-1954

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Montreal

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. For limited distribution.)

The Calendar (available for distribution only to libraries and officials of certain institutions)

Library School

The Library School is under the administrative jurisdiction of the Faculty of Arts and Science.

ADMINISTRATIVE OFFICERS OF THE UNIVERSITY

F. Cyril James, Chevalier de la Légion d'Honneur, Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean, Faculty of Arts and Science*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. — *Bursar and Secretary of the Board of Governors*

T. H. Matthews, M.A., LL.D. — *Registrar*

LIBRARY SCHOOL STAFF

Vernon Ross, B.S. in L.S. (Columbia), M.A. — *Director of the Library School and Associate Professor of Library Science*

Virginia Murray, M.A. (Columbia), B.L.S. — *Assistant Professor*

Effie Astbury, B.A., B.L.S. — *Lecturer*

Violet Coughlin (Mrs.), B.Sc., B.L.S. — *Lecturer*

Sybil Cadloff (Mrs. Joseph), B.A., B.L.S. — *Sessional Lecturer*

Richard Pennington, B.A., Lib.Diploma (Lond.) — *Librarian, McGill University, and Sessional Lecturer*

Margaret Stronach (Mrs. Robert B.), B.A., B.L.S. — *Sessional Lecturer*

Isobel Thow, B.A. — *Secretary*

CALENDAR

1953

September 21, Monday. Students register in the Library School.

September 23, Wednesday. Lectures begin in the Library School.

December 15, Tuesday. First term ends in the Library School.

December 17, Thursday, to December 22, Tuesday. Examinations in the Library School.

1954

January 5, Tuesday. Lectures resume in the Library School.

Date to be announced. Library School trip.

April 16, Friday, to April 19, Monday. Easter Vacation.

April 30, Friday. Lectures end in the Library School.

May 4, Tuesday, to May 7, Friday. Examinations in Library School.

May 10, Monday, to May 22, Saturday. Practice work in the Library School.

May 26, Wednesday. Convocation.

McGill University

LIBRARY SCHOOL

GENERAL

McGill University was the first institution in Canada to provide library training and the first to grant the degree in library science. Short summer courses were given from 1904-1927, the first regular sessional course being in 1927-28. The school received the generous support of the Carnegie Corporation and was accredited by the Board of Education for Librarianship of the American Library Association. The B.L.S. degree was first conferred in May, 1931.

University graduates are trained for professional library work of all kinds—in university and college, public, school, children's, and special libraries. The school is situated in a large city in which are to be found all types of library and it is a part of a university with a tradition of sound scholarship. It occupies rooms in the main University Library building and its students have access to the stacks of the University Library.

DEGREE OF BACHELOR OF LIBRARY SCIENCE

Candidates who successfully complete all the required work of the School are entitled to receive the degree of Bachelor of Library Science (B.L.S.) at the May Convocation and to wear the regulation black Bachelor's gown and a Bachelor's hood of black, lined with burnt orange silk and trimmed with white rabbit fur. Academic costume for graduation may be rented from the Registrar's Office.

REQUIREMENTS FOR ADMISSION

1. Applicants for admission to the course leading to the degree of Bachelor of Library Science must have a Bachelor's degree from a recognized college or university and must present an official transcript of their college record.

2. Experience has shown that applicants *over thirty-five years of age* should not be encouraged to enter the School, unless they have had at least two years of work in a library. They usually find intensive study difficult and are at a disadvantage in applying for a position.

3. As no one with *serious physical defects, personality difficulties, or ill health* can readily obtain a position in library service, such persons should not ask admission to the School.

4. Applicants for admission must fill in the School Application Form and attach thereto a recent photograph and an advance fee of $10.00 which will be credited to the student's fee account. Should the application be rejected, this advance payment will be refunded. No refund will be made in the case of a student who withdraws after the application has been accepted.

5. Students are advised to learn to use a typewriter before entering, since the greater part of the work done must be in typewritten form.

6. Applicants without previous experience are recommended to work in a library for two or three months before taking the course, if that is possible.

EMPLOYMENT

While the School does not guarantee positions to graduates and will not recommend any with less than a "B" average, it makes an effort to help its graduates find suitable positions. Complete records are kept in the Library School files, and transcripts and letters of reference are sent to prospective employers on request

Any graduate of an approved university who also has successfully completed the degree of Bachelor of Library Science at McGill University will be entitled without further examination to the Specialist's certificate which is issued to Librarians serving in the Protestant High Schools of the Province of Quebec.

MEDICAL EXAMINATION

1. HEALTH CERTIFICATE

Students when applying must present a certificate of health on a form which may be obtained from the School and which should be filled in and signed by a physician.

2. VACCINATION

All students entering the University are required by the Provincial Board of Health to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years, failing which they must immediately be vaccinated in a manner satisfactory to the Medical Examiner.

3. MEDICAL EXAMINATION

To promote their physical welfare, all men and women in the University are required to be medically examined at the beginning of the session. The hours of examination are announced at the time of registration.

REGISTRATION AND ATTENDANCE

REGISTRATION

Students in the Library School are required to present themselves at the office of the Library School on Monday, September 21, preceding the commencement of lectures, in order to furnish the information necessary for the University records.

ATTENDANCE

1. Students are required to attend at least seven eighths of the total number of lectures or laboratory periods in any one course.

2. Excuses for absence on account of illness or domestic affliction are dealt with only by the Director of the School. Medical certificates covering absences must be presented by the student immediately after his return.

3. Those whose unexcused absences exceed one eighth of the total number of lectures in a course are not permitted to take the regular examination in that course; and those whose unexcused absences have exceeded one fourth of the total number of lectures must repeat the work in that course for credit.

FEES AND EXPENSES

1. FEES

(*a*) *Regular students*

Fees are due and payable at the Accounting Office on or before September 22nd. If paid in two instalments the second shall be paid on or before January 15th. Instalment fee $5.00.

Fee for the Library Course (including Library Visits) $340.00

Fee for Students' Activities..... 15.00

By instalments:

First instalment..... 130.00

Second instalment..... 230.00

These fees include registration, instruction, (including Library Visits) the use of the Library, health service, athletics, students' activities, and graduation diploma.

Fee for each supplemental examination..... 10.00

(*b*) *Partial students*

Information concerning fees for such courses may be obtained from the Secretary of the School.

(*c*) *Arrears*

Immediately after September 22nd (or January 15th in the case of students who pay by instalments), the Chief Accountant will send to the Director of the School a list of registered students who have not paid their fees. Such students cannot be re-admitted to classes until a satisfactory arrangement has been made with the Chief Accountant. A late fee of $2.00 is charged.

2. TEXTBOOKS AND MATERIALS

Students should allow approximately $40 for text books. These are available from the University Book Store and the Library School. Blank forms, cataloguing cards, and other library supplies needed during the session may be obtained from the Secretary of the School.

3. LIBRARY VISITS

A week's visit, under the direction of members of the Faculty, to libraries in other Canadian cities is a required part of the Library course. (See 1*a* above.)

4. BOARD AND RESIDENCE

Information regarding accommodation at the University may be found in the enclosed booklet of General Information.

5. CLUBS AND SOCIETIES

Students are encouraged to take advantage of the privileges offered to members of the Canadian Library Association, the Quebec Library Association, the Special Libraries Association, and the American Library Association. Women students of the School are eligible for membership in the University Women's Club, 3492 Peel Street, in the immediate neighbourhood of the School.

SCHOLARSHIPS

1. *The Ethelwyn M. Crossley Scholarship Fund*, founded in honour of a former student of the school. Women students are given preference.

2. *The Elizabeth G. Hall Scholarship Fund*, founded in memory of a former member of the McGill University Library staff.

These awards are made, after due investigation and recommendation, to deserving students who require financial assistance to take the course. Application should be made to the Director of the School.

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

PARTIAL STUDENTS

A limited number of qualified students who are not candidates for the degree may be admitted to individual courses as partial students. Before registration such students must satisfy the staff of the School of their ability to follow the courses selected, and they must fulfil all requirements of classroom work and tests prescribed for regular students of these courses. A certificate of standing may be obtained on application to the Registrar of the University, but no certificates will be given for attendance at lectures unless the corresponding examinations have been passed.

SPECIAL LECTURES

The students have the benefit of occasional special lectures from visiting librarians or local specialists. The programme for a recent session included lectures by Miss Winifred Barnstead, former Director of the University of Toronto Library School; Dr. W. W. Francis, Librarian,

Osler Library, McGill University; Dr. Wm. Kaye Lamb, Dominion Archivist; Dr. J. A. Brunet, Director of Studies, University of Montreal Library School; Miss Margaret Gill, Librarian, National Research Council; Professor Aileen Ross, Dept. of Sociology, McGill University; Professor John Bland, Director of the School of Architecture, McGill University; Mr. Angus Mowat, Director of Libraries for the Province of Ontario; Dr. Neal Harlow, Librarian, University of British Columbia; Miss M. C. Guthrie, Civil Service Commission, Ottawa; Miss Mary Fogarty, Great Books Foundation, Chicago; Mr. R. Verry, Manager, McGill University Book Store; Mrs. Alice Turnham, Director of Museums, McGill University.

DESCRIPTION OF COURSES

The courses provided by the School are based upon the librarian's relation to: the building in which his library is housed, the books and periodicals in his charge, the readers whom he serves, and the staff with whom he works. In teaching the various subjects of the curriculum, every effort is made to relate them to library work as a whole and to develop a dynamic, rather than mechanical, point of view with regard to the present practice and the future possibilities of the profession.

Whenever possible, the past history, the practice of today, and the probable future development of library activities are related, and students are encouraged to assume an attitude that is constructively critical and forward-looking, rather than one that is merely imitative, conventional, and retrospective. The work of the School is grouped under the following headings for convenience of instruction: 1. Organization and administration of libraries. 2. The acquisition and care of library materials. 3. The selection and use of library materials. 4. Library practice.

ELECTIVES

Special courses are given in the second term on public libraries, children's and school libraries, college and university libraries, special libraries, advanced cataloguing and classification, government documents, audio-visual and other non-book materials, three of which must be elected.

1. ORGANIZATION AND ADMINISTRATION OF LIBRARIES

This group of courses is planned to give a general picture of the ideals, functions, and successful operation of libraries of different types. It is concerned with the place of the library in the community, the duties and opportunities of the librarian, and his relation to the governing authorities, staff, and readers. These courses form both framework and background for the more detailed instruction in technique and specialized services.

1. THE LIBRARY PROFESSION — *Professor Ross*

Intended to provide professional background, this course includes the historical development of library work; some famous libraries and librarians; the Canadian library movement; a brief survey of work in various types of libraries; an introduction to the literature of the profession; a study of the work of library associations; consideration of the training, qualifications, and ethics of the librarian; efficient methods of work organization and study.

2. HISTORICAL BIBLIOGRAPHY — *Mr. Pennington*

This course deals with the history of the manuscript and printed book from classical times to the present. It includes lectures on palaeography, the transmission of texts, the invention and development of printing, and the technical processes of book making, including book illustration.

3. LIBRARY BUILDINGS AND EQUIPMENT — *Professor Ross and others*

In this course the following subjects are discussed: principles in library planning; reading of architect's plans; the planning of various types of libraries; heating, ventilation, and lighting; furniture and equipment.

The lectures are illustrated by specially prepared diagrams. Students are required to work out simple planning problems illustrating topics considered in the course.

4. CIRCULATION — *Miss Astbury*

The charging systems most commonly used by libraries of various types are studied in detail, with some consideration of the history of circulation procedures and also recent innovations. Other routines and regulations, statistics, shelf work, methods of inter-library loan, and the administration of the circulation department are discussed.

5. PUBLIC LIBRARIES — *Mrs. Coughlin*

After an introductory survey of the relation of the library to other educational institutions, the student becomes familiar through lectures and required reading with such topics as: elements of library administration; the appointment, qualifications, and duties of trustees; committees, meetings, and minute book; the library budget, distribution of funds, and accounts; statistics and reports; the qualifications of assistants, staff appointments and records, personnel management and work schedules; legislation affecting libraries in Canada.

5a. LIBRARY EXTENSION — *Mrs. Coughlin*

A history of the development of county and regional library service in Canada and other countries is followed by a study of the organization and operation of rural services.

5b. ADULT EDUCATION — *Mrs. Coughlin*

A study of the social structure of the community; an estimation of the reading capacities, interests, and needs of the people by means of library surveys; methods of improving the educational level and of supplying vocational guidance through readers' advisory work, discussion groups; and the use of records, films, radio, and television in the public library.

5c. LIBRARY PUBLICITY AND EXHIBITS — *Mrs. Coughlin*

This course explains the principles of advertising as applied to effective library publicity; how to organize library campaigns; friends of the library groups; methods of co-operation with outside agencies; the technique of arranging library exhibits.

6. COLLEGE AND UNIVERSITY LIBRARIES — *Professor Ross*

After a brief survey of the historical development of college and university libraries, their present organization and problems are considered, including service to undergraduates, research students, and staff; departmental libraries; special collections and reading rooms; teaching the use of the library; the allocation of funds; inter-library loans; and such technical processes as differ from those in public and other libraries.

7. SPECIAL LIBRARIES — *Mrs. Stronach and Special Lecturers*

This course is designed to present the purpose and point of view of the special library and to discuss the adaptation of general library techniques to its needs. Special attention is paid to the organization and administration of research libraries in business and industry, and the libraries of societies, foundations, and similar institutions. Research methods and sources of information peculiar to each field are surveyed and discussed. Practice work in selected special libraries is provided and visits are made to special libraries in Montreal and other large cities.

8. LIBRARY WORK WITH CHILDREN — *Mrs. Coughlin and Special Lecturers*

This course shows the adaptations necessary in cataloguing and classification, reference work, book selection, and general administration to serve the needs of libraries for children. Children's literature from the historical point of view is reviewed; modern illustrators and modern authors are discussed. Special problems of the school library are considered. The lectures are supplemented by story telling, and by practical work in, and visits to, children's libraries.

II. ACQUISITION AND CARE OF LIBRARY MATERIALS

The purpose of these courses is to train the future librarian in the principles of wise, economical, and adequate provision of books, periodicals, pamphlets, and other non-book material, etc., for library use, and the best modern technique to be applied in recording them and in making them available to the public.

9. ACCESSIONS *Miss Astbury*

This course deals with the acquisition of books and periodicals by purchase, gift, and exchange. Trade bibliographies are examined in detail, and sources for obtaining both new and second-hand books are discussed. The various routines followed and records kept by the accessions department are studied.

10. CLASSIFICATION AND CATALOGUING *Professor Murray and Mrs. Coughlin*

The principles and purpose of classification and cataloguing are studied with a view to their application in libraries of different types and sizes. The *Dewey Decimal Classification*, the *Sears List of Subject Headings*, the *A.L.A. Cataloging Rules*, and the *Library of Congress Rules for Descriptive Cataloging* are examined in detail. The *Library of Congress List of Subject Headings* and *Classification* are briefly considered.

11. ADVANCED CATALOGUING AND CLASSIFICATION *Professor Murray*

The history and theory of classification are considered and a comparative study is made of Dewey, Brussels, Cutter, Library of Congress, Brown, Bliss, and other classification schemes now in use. The problems of subject analysis and of recataloguing and reclassification are considered, as well as the organization and administration of the cataloguing department.

12. BINDING *Special Lecturers*

The topics considered in this course include the following: hand binding; the processes of sewing, forwarding, and finishing; types of sewing; machine binding, reinforced library binding, and spiral wire binding; materials, patterns, routine, and records for book binding; binding for periodicals and serials, pamphlets, and fugitive material; common causes of damage to books; repairs to books.

III. SELECTION AND USE OF LIBRARY MATERIALS

While the students are being taught how to care for books and are acquiring professional knowledge and experience, the point of view and needs of the future reader are explained and provided for by a carefully planned study of the subject content of books and their practical use in the libraries of various types.

13. BOOK SELECTION *Professor Ross and Mrs. Cadloff*

This course deals with methods of selecting books for various types of libraries, communities, and readers. Representative books of all classes are examined for their literary value as well as their physical make-up, and various editions, translations, and series are compared.

The student becomes familiar with the general and special printed aids to selection; the characteristics and specialties of publishing houses and book agents; the problems of authorship, copyright, and censorship.

Training is given in book evaluation, annotation, and written and oral book reviewing.

14. REFERENCE TECHNIQUES AND SUBJECT LITERATURE *Miss Astbury*

The purpose of the course is to give students a practical understanding of the administration of a reference department and its clientele, efficient reference and research work, and a critical knowledge of the basic reference materials such as encyclopedias, dictionaries, yearbooks, indexes, followed by the outstanding reference sources in special subjects. Typical reference questions are given to students in order to develop facility in the use of these various books Each student also makes an intensive study of the reference literature of one subject.

15. GOVERNMENT PUBLICATIONS *Professor Murray*

(a) A required course given in the first term deals with the organization of the Canadian, British, and United States governments, their principal publications, and the methods of acquiring them.

(b) An elective course in the second term is concerned with the problems involved in the care and use of these publications, some attention also being given to foreign documents, and United Nations and UNESCO publications.

16. SERIALS

A brief sketch of the historical development of serials is given; study is made of the various types of serials published to-day, such as popular magazines, technical journals, house organs, and the publications of societies and institutions.

A systematic survey is made of problems in the selection and ordering of serials in English and foreign languages; checking and claiming; circulation, binding, and storage; exchange of duplicates and completing of sets.

17. PRACTICAL BIBLIOGRAPHY *Miss Astbury and Mrs. Coughlin*

Training is given in the preparation of an annotated bibliography. Printed bibliographies of all types are studied and practice is given in dealing with questions requiring bibliographical research. The importance of union catalogues, bibliographical centres, and national libraries is emphasized.

18. AUDIO-VISUAL AND OTHER NON-BOOK MATERIALS
Professors Murray and Astbury

A study of the problems arising in connection with the acquisition, care, and use of such materials as:

1. Films, photostats, lantern slides, microfilms, microcards and microprints.
2. Recordings of all types.
3. Pictures, maps, and material of a similar nature.
4. Pamphlets, clippings, and other fugitive material.

IV. LIBRARY PRACTICE

A trained library assistant in a modern library (public, special, college, school, or children's) should be familiar with the use of library materials and with the daily work of a practising librarian. To this end the following practical work is required:

1. LABORATORY WORK

The principles and methods taught in the technical courses are applied in problems and laboratory work.

2. VISITS TO LOCAL LIBRARIES

The following libraries in Montreal are visited and many are used regularly by the students.

Public Libraries: Montreal Public Library and its branches; Westmount Public Library; Fraser Institute; Mechanics' Institute; St. Sulpice Library.

Special Libraries: Divinity Hall Library; Osler Library (Medicine); Purvis Hall Library (Commerce); Montreal Museum of Fine Arts Library; also the libraries of Canadian Industries Ltd., Bell Telephone

Company, Sun Life Assurance Company, Royal Bank of Canada, Shawinigan Water and Power Company, Aluminum Company of Canada, International Civil Aviation Organization, Canadian Broadcasting Corporation.

College and University Libraries: McGill University (Redpath) Library; Macdonald College Library; Sir George Williams College Library; Bibliothèque de l'Université de Montréal.

Children's Libraries: Montreal Children's Library; Westmount Public (Children's) Library; Notre Dame de Grace Children's Library; the libraries of Montreal High School, Lachine High School, Westmount Intermediate School, and Commission des Écoles Catholiques de Montréal.

3. LIBRARY VISITS TO OTHER CITIES

A week's visit to other cities in Canada with a programme of conducted visits to libraries, is planned as a required part of the course. This illustrates the practical application of subjects taught. Each student is required to prepare a report and to take part in class discussions on methods observed.

4. PRACTICE WORK

Two weeks of practical work under supervision is required during the session, in order that the student may acquire some appreciation of library work as a whole under everyday conditions. (72 hours)

McGill University

Montreal

School of Physical Education

Sir Arthur Currie Memorial Gymnasium

1953-1954

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Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
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The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

School of Physical Education

The School of Physical Education is under the administrative jurisdiction of the Faculty of Medicine.

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de L'U., D.C.L., LL.D., F.R.S.C. — *Principal*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. — *Bursar*

T. H. Matthews, M.A., LL.D. — *Registrar*

G. A. Grimson, B.Com. — *Chief Accountant*

J. B. Kirkpatrick, B.A., M.Ed. (Sask.), Ed.D. (Columbia)
Professor of Physical Education and Director of the School

Miss Iveagh Munro, B.Sc., M.A. (Columbia), Dip. M.S.P.E.
Associate Professor of Physical Education

F. M. Van Wagner, B.P.E. (Springfield)
Associate Professor of Physical Education

H. R. Ryan, B.A. (Acadia), B.P.E. (Springfield)
Assistant Professor of Physical Education

Miss Thelma Wagner, B.Sc., M.A. (New York)
Assistant Professor of Physical Education

Miss Gladys Bean, M.A. (Columbia), B.A., Dip. M.S.P.E.
Assistant Professor of Physical Education

Miss Winona Wood, B.A., B.Ed. (Sask.), M.A. (Columbia), Dip. M.S.P.E.
Assistant Professor of Physical Education

Miss Ruth M. Duncan, B.A. (Man.), B.Sc. (P.Ed.) — *Lecturer*

R. A. Robillard, B.Sc.(P.Ed.) — *Lecturer*

A complete list of the teaching staff of the University, including the School of Physical Education, is printed as a separate announcement which may be obtained from the Registrar's Office.

SCHOOL OF PHYSICAL EDUCATION OFFICE

SIR ARTHUR CURRIE MEMORIAL GYMNASIUM

475 Pine Avenue West
Montreal 18
Telephone — MA 9181

GENERAL INFORMATION

HISTORY AND AIMS

The McGill School of Physical Education is an integral part of the Faculty of Medicine of McGill University. It was established as a short summer course in 1912, a three years' course in 1933, and, in the Session 1945-46, it was extended to a four years' course leading to the degree of Bachelor of Science in Physical Education, B.Sc.(P.Ed.)

The aim of the school is to provide Canada with well-qualified teachers of health and physical education who realize the contribution these subjects should make towards sane and happy living.

THE FIELD

There is an increasing demand for trained teachers in physical education and the field is rapidly widening to include such organizations as the following: Public and Private Schools, High Schools, Colleges, Y.M.C.A.'s, Y.W.C.A.'s, Church Clubs, Playgrounds, Recreation Centres, Welfare and Social Clubs, Settlements, Industrial Organizations, Boy Scouts, Girl Guides, Summer Camps, etc. For several years, the School has not been able to meet the demand for teachers.

THE COURSE

The course is of four years' duration following a satisfactory standing in certain required subjects of the McGill School Certificate Examination, or three years after obtaining the necessary standing in the McGill Senior School Certificate Examination, or their recognized equivalents.

The course includes an analysis of the growth, development, and behaviour of the physical organism as a functioning unit, the underlying principles of general education, educational psychology, and the possible contribution of physical education to the problems of modern civilization.

During the course, and in addition to the regular academic sessions, a minimum of four months of field work and practice teaching under staff supervision is required. Normally this is made up by field work for a period of at least one month during each of the vacation periods which follow the second and third years, attendance for three weeks at the Autumn Outdoor Schools before each of the second and third years, and three weeks of practice teaching at the end of the fourth year.

DEGREE COURSE OFFERED

The course is open to both men and women students and leads to the degree of Bachelor of Science in Physical Education, B.Sc.(P.Ed.)

Degrees are granted to successful students at the end of the course.

The degree of the School is recognized by the Protestant Committee of the Department of Education, Province of Quebec, and the Montreal Protestant Central School Board, as qualifying a student who is a British subject for the rank of Specialist in the Public Schools.

Candidates who wish to qualify for the High School Diploma of the Province of Quebec are urged to consult the Professor of Education.

ENTRANCE QUALIFICATIONS

Acceptable Junior Matriculation standing or equivalent work done elsewhere is necessary for admission to the School. The successful completion of the first year in the Faculty of Arts and Science or the necessary standing in the McGill Senior School Certificate Examination (Senior Matriculation), or equivalent work done elsewhere, is necessary for admission to the second year of the School. Physics, Chemistry, and Biology should be covered during the first year.

Students are admitted into the third year in exceptional circumstances only and at least two years of resident study in the School are ordinarily required before the Bachelor's degree can be granted.

The number of admissions is limited and the School is not bound to accept applicants who have passed the required examinations.

A natural aptitude for, and previous training in, physical activities, together with a sense of rhythm, are essential. A student should have played several team and individual type games and know how to swim, play basketball and tennis, skate, and have had some instruction in gymnastics before entering. Women students should have had some instruction in different forms of dancing. It is recommended that a student should, if possible, have earned the Bronze Medallion of the Royal Life Saving Society or its equivalent.

Students who desire to follow this course should consult the Director of the School concerning detailed requirements in motor activities.

The programme of physical education places a rare opportunity in the hands of the teacher and thus necessitates a forceful personality, guided by high ideals and aspirations, an understanding of people, and an ability to organize and control group activities.

FACILITIES

The University Library and Museum are available for use by the students, as are the University Hockey Rinks and Tennis Courts, the Percival Molson Memorial Stadium, the Sir Arthur Currie Memorial Gymnasium, and the Memorial Swimming Pool.

A special library of selected works and the leading magazines on physical education are available for use by the students.

Exceptional facilities are afforded for practice teaching and observation in the Public Schools under the Montreal Protestant Central School Board and in various institutions throughout the City.

RESIDENCES

See enclosed General Information pamphlet and application form.

UNIFORMS AND EQUIPMENT

The regulation costumes of the School must be worn, and students are not permitted to wear other than the regulation garments. An amount of approximately $40.00 is required to cover the cost of uniforms and personal equipment during the first year of attendance at the School.

Students will also be responsible for providing their own sports equipment, including ski equipment, tennis and badminton racquets, skates, hockey sticks, etc., as indicated in the course outlines for each year.

STUDENT ORGANIZATIONS

All women students are members of the Women's Union of McGill University and all its affiliated societies.

All men students are members of the Students' Society of McGill University.

PROFESSIONAL OPPORTUNITIES

From time to time students are required to attend lectures and functions relevant to their professional training.

TEXT BOOKS

The University Library exists for supplementary reading only. In order to start their own professional libraries, students are given a limited number of books and mimeographed material. In addition, students are expected to purchase a certain number of books recommended by the School.

ADMISSION

Men and women students are admitted to the regular courses in the School. They will not be admitted if they are less than 17 or more than 27 years of age, except under special conditions. A personal interview is advisable, and applicants must have had some practical experience in physical work before registration.

A photograph (passport size) and two references, one from a former teacher, must be sent direct to the school. Neither reference should be from a relative.

Partial students may be admitted to individual courses at the discretion of the Director.

FURTHER INFORMATION

Requests for further information should be addressed to the Secretary, School of Physical Education, McGill University, 475 Pine Avenue West, Montreal 18.

REGULATIONS

1. All students enter the School on an indeterminate probation. Students who are considered unsuitable for the profession are advised to discontinue.

2. A student may at the discretion of the Director be requested to withdraw at any time for reasons of unsatisfactory work or conduct.

3. Students in professional courses are required to be present at all classes unless excused. For classes in the Faculty of Arts and Science, see the regulations of that Faculty.

4. The regulations of the Faculty of Arts and Science concerning acceptance, exemptions, advancement, supplementals, standing, and conditions are followed as closely as possible.

5. No student is permitted to participate in outside demonstrations, classes, or teams, etc., without first having secured permission from the Director.

6. During the vacation periods which follow the second and third years, all students are required to do field work for a minimum of one month each year. The Director may, at his discretion, permit some modification of this requirement. The first three weeks of the second and third years are devoted to field work which is completed before the regular lectures in the Faculty of Arts and Science begin.

REGISTRATION AND FEES

REGISTRATION

Students will register at the Office of the School, 475 Pine Avenue West, as follows:

YEAR I—**Men and Women:** Monday, September 21st.

YEARS II AND III—**Women:** Tuesday, September 8th.

YEARS II and III—**Men:** Wednesday, September 9th.

YEAR IV— **Men and Women:** Tuesday, September 29th.

Students registering late are required to pay a late fee.
Application forms should be returned not later than August 15th.

FEES

The regular fees and special fees are given in the General Information pamphlet included in this Announcement.

In addition to the regular and special fees payable upon registration, each student will be required to pay a fee of $10 toward the cost of each period of attendance at Ski School. Men students will also be required to pay a fee of $10 towards the cost of the Camp Course. This fee is payable immediately prior to attendance at each Ski School or Camp Course.

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

DATES FOR PAYMENT

Fees for women students who are entering the second and third years of the course are due and payable at the Accounting Office on Tuesday, September 8th. For men students entering the second and third years the fees are payable on Wednesday, September 9th. Fees for students entering the first year will be payable on Monday, September 21st, and for students entering the fourth year the fees will be payable on Tuesday, September 29th. Fees must be paid between the hours of 9 a.m. and 4 p.m., on or before the specified dates. An instalment fee of $5.00 is charged when fees are paid in two instalments.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the following paragraph.

Immmediately after the prescribed dates for the payment of fees, the Chief Accountant will send to the Director of the School a list of the registered students who have not paid their fees. The Director will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

SCHOLARSHIPS AND AWARDS

1. THE A. S. LAMB SCHOLARSHIPS IN PHYSICAL EDUCATION. — These scholarships, endowed by friends of Dr. Arthur S. Lamb, formerly Director of the School of Physical Education and of the University Department of Athletics, Physical Education, and Recreation, as a tribute to his work in these fields, were offered for the first time in 1951. There are two scholarships of $100 each, tenable, one by a man and one by a woman, in the final year of the School of Physical Education. They are awarded by a small committee who will take into account both the academic record and the personal qualities of the students eligible. No applications for these scholarships are necessary.

2. GOLD MEDAL.—The School offers a gold medal to the student who attains the highest general proficiency throughout the course.

3. LIEUTENANT-GOVERNOR'S SILVER MEDAL.—This prize is awarded to the Junior Student who attains the highest general proficiency in the sessional examinations.

N.B.—The above conditions may be amended and prizes may be withheld at the discretion of the Director.

COURSES OF INSTRUCTION

The programme of training in Physical Education is under constant study, with a view to its possible improvement. The curriculum and courses described should therefore be understood to apply only to the academic session for which this Announcement is used. While it is the intention to offer courses as outlined, the University reserves its usual right to amend or cancel any course if it appears in the best interests of the University and students to do so.

YEAR I

MEN AND WOMEN

*ENGLISH 100. (Literature and Composition) (Full Course)

*PHYSICS 12. GENERAL COURSE (B. A. section) (Full Course)

A general course covering the elementary portions of mechanics, sound, heat, magnetism, electricity, light and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work and numerical examples.

Texts: Howe, Introduction to Physics (McGraw-Hill); An Elementary College Course in Experimental Physics (Renouf Publishing Co.)

*CHEMISTRY 60—The Chemistry of Daily Life (Full Course)

Major branches of chemistry discussed are Inorganic, Organic, Food, and Industrial.

Text: Hatcher, An Introduction to Chemical Science, 2nd ed. (Wiley)

*ZOOLOGY 11a—The Animal Kingdom (Half Course)

The nature and evolution of the animal world, with emphasis on types, environments, adaptation, and evolutionary processes.

Text: Buchsbaum, Animals without Backbones (Chicago U.P.).

*Faculty of Arts and Science.

*ZOOLOGY 11b—Man and His Evolution (Half Course)

The zoological history of man as a vertebrate animal; an elementary study of the structure and physiology of man, with a review of the evolutionary processes which have produced modern man.

Text: Hegner, College Zoology, 5th Edition (Macmillan).

PHYSICAL EDUCATION 1. Basic Techniques in Neuromuscular Activity (Full Course)

The basic and professional requirements in Year I consist of introductory or orientation courses given with the object of familiarizing the student with the field of physical education and recreation. A general standard of proficiency in motor skills is required in selected activities as a basis for the more advanced work of later years. Instruction in First Aid forms part of this course.

MEN: Basketball, gymnastics, apparatus, calisthenics, tumbling, swimming.

WOMEN. Swimming, elementary fundamental gymnastics, elementary modern dance, basketball, skating, volleyball, badminton.

YEAR II

MEN AND WOMEN

*ENGLISH 230—Literature in the Nineteenth Century. (Full Course)

FUNCTIONAL ANATOMY (Full Course)

The emphasis in this course is upon the body as a living mechanism in which the function and structure are inseparably related and in which the activities of all parts are intimately co-ordinated.

Text: Cates, Primary Anatomy (Burns & MacEachran).

*PSYCHOLOGY 21—Introduction to Psychology. (Full Course)

A biologically oriented outline of the modern approach to psychology.

*SOCIOLOGY 21B (Full Course)

Introduction to the study of society, evolution of social institutions, patterns of social and cultural change, social forces determining economic and political adjustments.

Text: Dawson and Gettys, An Introduction to Sociology (The Ronalds Press).

*Faculty of Arts and Science.

*CHEMISTRY 72a (Half Course)

A course in elementary organic chemistry especially designed for students in Physical Education.

PHYSICAL EDUCATION 2. Principles of Physical Education: Analysis and Practice of Activity.

(Full Course)

A survey of the aims of physical education and their relation to those of general education. Age and sex characteristics in play and recreation. Techniques and procedures for the elementary school. Students who are admitted to Year II with Senior Matriculation must give evidence of having achieved a standard of proficiency equivalent to that of students who have completed the practical work in the first year. If this is not so, extra practical, and in some cases theoretical, work will be required.

All students of the second year are required to report three weeks before the regular lectures begin in order to attend the Outdoor School in athletics, sports, and games. Men students attending the Camp Course are required to report on Monday, August 31st, at Camp Nominingue.

During the session all students are required to attend a Ski School in the Laurentian Mountains for class instruction, practice in techniques, cross country touring, lectures, and discussions.

Between second and third years, all students are required to devote a minimum of one month to appropriate field work unless excused by the Director of the School.

MEN: Gymnastics, apparatus, soccer, track and field, rugby, touch rugby, softball, swimming, wrestling, hockey, skiing, backgrounds of the dance, basketball, and tennis.

WOMEN: Elementary school activities, gymnastics, soccer, track and field, softball, swimming, skiing, field hockey, tennis, camping, backgrounds of the dance, and basketball.

YEAR III

MEN AND WOMEN

*PSYCHOLOGY 34a—Dynamics of Behaviour and Adjustment (Half Course)

Instinct, need, drive, conflicting resolution, theory of motion and motivation.

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*Faculty of Arts and Science.

*PSYCHOLOGY 34b—Theory of Personality (Half Course)

Consideration of current theories of personality, and of the theoretical basis of classification techniques.

*EDUCATION 1. General Principles of Education (Full Course)

*EDUCATION G. (Half Course)

The use of the voice as a teaching instrument. Voice training, production and control. Diction and enunciation. Reading aloud (prose and poetry). Pitch and modulation.

*PHYSIOLOGY 21—Human Biology (Full Course)

A concise account of the structure and functions of the human body, given jointly by the Departments of Anatomy, Biochemistry, and Physiology.

Text: Best and Taylor, The Living Body.

**NUTRITION (Half Course)

Designed to give an understanding of the basic principles of nutrition with particular emphasis on nutrition requirements of the various age groups. Planning of adequate menus. Community nutrition programmes and methods of nutrition education.

**COMMUNITY HYGIENE (Half Course)

Fundamental principles of disease prevention, with special reference to sanitary environment and communicable diseases. Sources and modes of infection. Cause and effect.

PHYSICAL EDUCATION 3. Methods and Analysis of Teaching (Full Course)

Evaluation and selection of material for the teaching of health, physical education, and recreation in the secondary schools, camps, playgrounds, and community centres. Techniques; methods; practice teaching.

All women students of the third year are required to report three weeks before the regular lectures begin in order to attend the Outdoor School in athletics, sports, and games. All men students of the third year who have not yet attended the camping course are required to report on Monday, August 31st at Camp Nominingue.

During the session all students are required to attend a Ski School in the Laurentian Mountains for class instruction, practice in techniques, cross country touring, lectures, and discussions.

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*Faculty of Arts and Science.
**Faculty of Medicine.

Between third and fourth years, all students are required to devote a minimum of one month to appropriate field work unless excused by the Director of the School.

MEN: Tennis, track and field, soccer, rugby, skiing, gymnastics, canoeing, campcraft, apparatus, basketball, swimming, life saving, hockey, folk dancing, boxing. Observation; methods analysis of teaching; officiating; coaching; practice teaching.

WOMEN: Backgrounds of the dance, gymnastics, skiing, apparatus, advanced modern dance, clog and tap dancing, folk dancing. Observation; methods and analysis of teaching; practice teaching.

YEAR IV

MEN AND WOMEN

PHYSIOLOGY OF EXERCISE (Half Course)

The effects of various types of exercise are studied in relation to the working power of the human machine and consideration is given to the underlying principles in the selection of the best methods of exercise to employ.

HISTORY OF PHYSICAL EDUCATION (Half Course)

Study of the history of Physical Education from primitive times until the present day, including political History and the history of Education insofar as they have influenced Physical Education. Discussion of the growth and scope of modern societies that aim to promote public welfare through health and recreation.

ORGANIZATION AND ADMINISTRATION (Full Course)

Problems involving facilities, equipment, organization, and administration of physical education programmes in schools, colleges, industries, and institutions.

**PHYSICAL MEDICINE (Equivalent of 2 courses)

Development and present day requirements in Mental Health and Preventive Medicine, Genetics (21a), technical application of Physical Medicine, methods in Health Education, and care of athletic injuries.

This course includes remedial gymnastics; personal, school, and community health problems.

**Faculty of Medicine, Department of Health and Social Medicine.

PHYSICAL EDUCATION 4. (Full Course)

Principles of physical education, programme construction. Curriculum content and planning. Analysis and integration of school curricula in health, physical education, and recreation.

Introductory study of community recreation. Meaning of recreation, role of family, school, church, private agencies, municipal, provincial, and federal government in provision of recreational facilities and leadership.

At the termination of the regular college session, all students are assigned to practice teaching duties in the public schools on a full-time basis for a period of three weeks.

MEN: Advanced gymnastics, water safety, exhibitions, pageants, individual sports. Squash, badminton. Officiating, coaching, and practice teaching.

WOMEN: Advanced apparatus, tumbling, and stunts. Exhibitions, pageants. Officiating, coaching, and practice teaching.

McGill University

Montreal

School for Graduate Nurses

Beatty Memorial Hall

1953-1954

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Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
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TABLE OF CONTENTS

	Page
Administrative Officers of the University	3205
Staff	3206
Officers of Instruction	3206
General Information	3208
Entrance Requirements	3209
Transfer of credits	3209
Application	3209
Registration	3210
Fees	3210
Board and Residence	3211
Expenses	3211
Uniforms	3212
Scholarships	3212
Loans	3213
Certificate Courses	3214
Degree Courses	3220
Description of Courses	3224

School for Graduate Nurses

The School for Graduate Nurses is under the administrative jurisdiction of the Faculty of Medicine.

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, B.Com., M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

G. Lyman Duff, M.A., M.D., Ph.D., F.R.C.P.(C.), F.R.S.C. — *Dean of the Faculty of Medicine*

Edith J. Green, B.A. (U.B.C.), B.S. in L.S. (Washington), Certificate S.G.N., R.N. — *Acting Director of the School for Graduate Nurses*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. — *Bursar*

T. H. Matthews, M.A., LL.D. — *Registrar*

G. A. Grimson, B.Com. — *Chief Accountant*

ADVISORY COMMITTEE

Dean G. Lyman Duff, *Chairman*

Miss Isobel Black
Miss Edith J. Green
Miss Helene Lamont
Miss Dora Parry
Professor C. J. Tidmarsh
Professor R. P. Vivian

SCHOOL FOR GRADUATE NURSES OFFICE

BEATTY MEMORIAL HALL
1266 Pine Avenue West
Montreal 25, P.Q.

Telephone—MA 9181

STAFF OF SCHOOL FOR GRADUATE NURSES

EDITH J. GREEN, B.A. (U.B.C.), B.S. in L.S. (Washington), Certificate S.G.N., R.N. — *Acting Director*

ANN PEVERLEY, B.S. (Columbia), R.N. — *Assistant Professor*

J. MARGARET HOLDER, B.N., R.N. — *Lecturer*

RUTH L. HORLICK, B.A. (Queens), R.N. — *Lecturer*

ELIZABETH LOGAN, B.Sc. (Acadia), M.N. (Yale), R.N. — *Lecturer*

ALICE R. M. MAJOR, B.N., M.A. (Columbia), R.N. — *Lecturer*

GERTRUDE YEATS, Certificate S.G.N., R.N. — *Lecturer*

JANET E. ELDER, B.L.S. — *Librarian*

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JAMES A. COOTE, B.Sc., M.E.I.C. — *Lecturer in Scientific Management*

MADELINE FLANDER, Certificate, S.G.N., R.N. — *Lecturer in Supervision in Paediatric Nursing*

J. MARGARET HOLDER, B.N., R.N. — *Lecturer in Public Health Nursing*

RUTH HORLICK, B.A., R.N. — *Lecturer in Psychiatric Nursing*

B. S. JOHNSTON, M.D., C.M. — *Lecturer in Hospital Administration*

ELIZABETH LOGAN, B.S., M.N., R.N. — *Lecturer in Supervision in Paediatric Nursing*

ALICE R. M. MAJOR, B.N., M.A., R.N. — *Lecturer in Teaching and Supervision in Schools of Nursing*

KATHLEEN MARSHALL, Certificate, School of Nursing (Tor.), R.N. — *Lecturer in Supervision in Psychiatric Nursing*

ANN PEVERLEY, B.S., R.N. — *Lecturer in Public Health Nursing*

HELEN H. TUCK, B.A., M.S.W. — *Lecturer in Social Aspects of Nursing*

J. GILBERT TURNER, M.D., C.M., M.Sc. — *Lecturer in Hospital Administration*

MARIAN BAIN (Mrs. D. C.), M.Sc. (Columbia), B.H.S. — *Lecturer in Nutrition*

GERTRUDE YEATS, Certificate, S.G.N., R.N. — *Lecturer in Supervision in Obstetric Nursing*

OTHER OFFICERS OF INSTRUCTION

FACULTY OF MEDICINE

EWEN CAMERON, M.D., D.P.M., F.R.C.P.(C) — *Professor of Psychiatry*

ALTON GOLDBLOOM, B.A., M.D., C.M., F.R.C.P.(C) — *Professor of Paediatrics*

GERTRUDE G. KALZ (Mrs. F.), M.D., D.P.H. — *Associate Professor of Bacteriology and Immunology*

FRANK C. MACINTOSH, M.A., Ph.D. — *Professor of Physiology*

CHARLES WILLIAM MACMILLAN, M.D., C.M., D.P.H. — *Associate Professor of Health and Social Medicine*

CECIL P. MARTIN, M.A., M.B., Ch.B., Sc.D., M.R.I.A. — *Professor of Anatomy*

EVERITT GEORGE DUNNE MURRAY, O.B.E., M.A., L.M.S.S.A., F.R.S.C. — *Professor of Bacteriology and Immunology*

NEWELL WELLAND PHILPOTT, M.D., C.M., Hon. M.D., F.R.C.O.G., F.A.C.S., F.R.C.S.(C) — *Professor of Obstetrics and Gynaecology*

FRANCES HAZEN PRISSICK, B.A., M.D., C.M. — *Lecturer in Bacteriology and Immunology*

BARUCH SILVERMAN, M.D., C.M., F.A.P.A., F.A.A.M.D. — *Associate Professor of Psychiatry*

JAMES WILLIAM STEVENSON, M.D., C.M. — *Associate Professor of Bacteriology and Immunology*

DAVID L. THOMSON, B.Sc., M.A., Ph.D., LL.D., F.C.I.C., F.R.S.C. — *Professor of Biochemistry*

R. P. VIVIAN, M.D. — *Professor of Health and Social Medicine*

FACULTY OF ARTS AND SCIENCE

JOHN CULLITON, M.A. — *Associate Professor of Economics*

ALEXANDER B. CURRIE, B.Com., M.A., M.Educ., Ph.D. — *Associate Professor of Education*

OSWALD HALL, M.A., Ph.D. — *Associate Professor of Sociology*

WILLIAM H. HATCHER, M.Sc., Ph.D., F.C.I.C., F.R.S.C. — *Professor of Chemistry*

DONALD O. HEBB, M.A., Ph.D. — *Professor of Psychology*

JOHN HUGHES, M.A. — *Professor of Education*

SAMUEL MADRAS, B.Sc., Ph.D. — *Lecturer in Chemistry*

AILEEN D. ROSS, B.Sc.(Econ.), M.A., Ph.D. — *Assistant Professor of Sociology*

GENERAL INFORMATION

The School for Graduate Nurses of McGill University was established in 1920, and has consistently devoted its whole programme to the special preparation of well-qualified graduate nurses for positions of leadership. To improve the quality of nursing education, of nursing services, and of health education, it is obvious that an increasing number of nurses should be encouraged to fit themselves to be teachers, supervisors, and administrators in general and special fields.

The School offers courses to meet the needs of these groups. One-year programmes are available which lead to certificates in Teaching in Schools of Nursing, Administration in Schools of Nursing, Public Health Nursing, and Administration and Supervision in Public Health Nursing. Two-year programmes in the same fields, leading to the degree of Bachelor of Nursing, provide opportunities for more extensive preparation to those who can meet the academic and professional requirements for entrance. Three advanced one-year clinical nursing courses leading to a certificate are also offered: Supervision in Psychiatric Nursing, Supervision in Obstetric Nursing, and Supervision in Paediatric Nursing. The purpose of these courses is to prepare well-qualified nurses as specialists in the several clinical fields. In addition to these full-time programmes, nurses who are in or near Montreal may register as partial students. Refresher courses are also held from time to time.

RESOURCES AND FACILITIES

Courses in advanced nursing education are provided in the School. Other courses are available through the Faculty of Arts and Science and the Faculty of Medicine (including the Department of Health and Social Medicine), as well as through other Schools and Departments on the University campus.

The School, administered by the Faculty of Medicine, is located in Beatty Memorial Hall, which provides classroom space, lunch facilities, and other amenities. An up-to-date professional library is maintained at the School under the direction of a fully qualified librarian. Students have access to other libraries in the University.

Excellent community facilities are available for the observation of nursing in all its branches and for practice in teaching, supervision, and administration, in hospitals, schools of nursing, and public health nursing fields.

The resources of the following organizations are available: the teaching hospitals for both the Faculty of Medicine and the School for Graduate Nurses—the Royal Victoria Hospital (including the Allan Memorial

Psychiatric Institute, and the Royal Victoria Montreal Maternity Hospital); the Montreal General Hospital; the Alexandra Hospital (communicable diseases); the Shriners' Hospital for Crippled Children; the Children's Memorial Hospital; the Royal Edward Laurentian Hospital (tuberculosis) with its clinics; the Verdun Protestant Hospital; the Queen Mary Veterans Hospital; and the Montreal Neurological Institute of McGill, as well as other hospitals in Montreal.

The official and voluntary health agencies of the city and also clinics (both public and private) afford ample opportunities for study and field experience in the various aspects of community health. These resources include the Victorian Order of Nurses, the Child Health Association, the municipal health departments of Greater Montreal, hospital out-patient departments, industrial health services, the Mental Hygiene Institute, the Family Welfare Association, nursery schools and day nurseries, child guidance clinics, and other organizations concerned with the welfare of individuals and families.

ENTRANCE REQUIREMENTS

All applicants must have completed the basic nursing course in an approved school of nursing, be registered in the province or country from which they come, and meet the requirements for the course selected.

For admission to the certificate courses candidates must have passed in the required papers of the McGill Junior School Certificate Examination or their recognized equivalents (see p. 3214 for details).

For admission to the degree courses, candidates must have passed in the required papers of the McGill Senior School Certificate Examination or their recognized equivalents (see p. 3220 for details).

TRANSFER OF CREDITS

Consideration will be given to transfer of credits for work completed in another university if an official transcript of the student's work is sent directly to the School by the officers of the institution in which the work was completed.

APPLICATION FOR ADMISSION

All applications must be made on forms which may be obtained from the School for Graduate Nurses, McGill University, and must include a photograph of passport size.

REGISTRATION

All students will register at Beatty Hall between the hours of 9 a.m. and 4 p.m. as follows:

CERTIFICATE COURSES

Students in Public Health Nursing, Supervision in Psychiatric Nursing, Supervision in Obstetric Nursing, and Supervision in Paediatric Nursing will register on September 1st.

Students in Teaching and Administration in Schools of Nursing will register on September 14th.

Students in Administration and Supervision in Public Health Nursing will register on September 28th.

DEGREE COURSES

Students in the first year in Teaching and Supervision, and Administration in Schools of Nursing will register on September 14th.

All other students in degree courses will register on September 28th.

EXAMINATIONS

The pass mark in all examinations, in keeping with University regulations, is fifty per cent.

Results of examinations are recorded according to class, as follows: Class I, 80% to 100%; Class II, 65% to 79%; Class III, 50% to 64%.

HEALTH SERVICES

All students are required to have a medical examination by the University Health Service. There are no exceptions to this rule. Provision is made for health service to students *during the session* but not during vacations. (See *General Information* pamphlet for details.)

FEES

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

Students pay annually two fees: (1) inclusive University fee; (2) a Students' Society fee. There are no other regular fees, and the only extras are for late registration, for graduation in absentia, etc.

Degree Course—University fee		$300.00
Students' Society fee		15.00
If paid by instalments:		
First instalment	$160.00	
Second instalment	160.00	
Certificate Course—University fee		250.00
Students' Society fee		15.00
If paid by instalments:		
First instalment	135.00	
Second instalment	135.00	
Instalment fee		5.00
Late Payment fee		2.00

Fees are due and payable at the Accounting Office in Dawson Hall, between the hours of 9 A.M. and 4 P.M. on or before September 28th. A late fee of $2.00 is charged for payment after these dates. As soon as possible after the prescribed dates the Chief Accountant will send to the Director of the School a list of the registered students who have not paid their fees. The Director will thereupon suspend such students from further attendance until the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

BOARD AND RESIDENCE

There are no University residence facilities for students of the School for Graduate Nurses. Every assistance is given to students in seeking accommodation through a Rooms Registry located at the McGill Union. Application for rooms must be made in person from August 27 to October 1. The cost of board and lodging in approved rooms varies from $60.00 to $80.00 per month. Separately, good board costs from $40.00, and a room from $30.00 upwards a month.

EXPENSES

APPROXIMATE COST OF THE COURSE

University fees	$265.00 to $315.00
Books and incidentals	25.00 to 40.00
Board and lodging	700.00 to 900.00

Students registered in courses requiring a longer field work period or travel, should take this into consideration in estimating expenses.

UNIFORMS

All students are advised to have at least two white uniforms. Full white uniform is required for field experience in hospitals and for Convocation. For students in public health nursing special field uniforms are available for rental at the School. These students should bring white collars and any plain dark hat and coat. Brown or black walking shoes with low heels are required. Some public health nursing students have field work in hospitals where white uniforms are worn.

SCHOLARSHIPS

Applicants for scholarships must meet the University entrance requirements for Junior Matriculation. Preference will be given to applicants with experience in the nursing field.

1. ALEXANDRA HOSPITAL

The Board of Governors offers a scholarship in the form of full maintenance at the hospital during a year's study at the School for Graduate Nurses. Only members of the hospital nursing staff are eligible.

2. ASSOCIATION OF NURSES OF THE PROVINCE OF QUEBEC

(*a*) A scholarship of $500 is customarily offered to a member of the Association of Nurses of the Province of Quebec, whose qualifications are acceptable to McGill University. Any course offered by the School may be selected.

(*b*) District No. 11 (English Chapter) Association of Nurses of the Province of Quebec offers a scholarship of $750 to a member of the Chapter whose qualifications are acceptable to the University.

3. CHILDREN'S MEMORIAL HOSPITAL SCHOOL OF NURSING

The Board of Governors offers a scholarship in the form of maintenance at the hospital during one year's study at the School for Graduate Nurses.

4. MONTREAL GENERAL HOSPITAL SCHOOL OF NURSING

The *Mildred Hope Forbes Memorial Scholarship Fund* provides annual scholarships to graduates of the Montreal General Hospital School of Nursing for graduate work in nursing at a Canadian university.

5. ROYAL VICTORIA HOSPITAL SCHOOL OF NURSING

(*a*) The *Mabel F. Hersey Scholarship* is given annually by the Board of Governors for a year of post-graduate study at the School for Graduate Nurses, McGill University.

(*b*) The *Emma Thomas Scholarship* is offered annually for post-graduate study.

(*c*) The *Ida McGregor Scholarship* is offered annually for post-graduate study.

6. VICTORIAN ORDER OF NURSES FOR CANADA

The Victorian Order of Nurses for Canada offers scholarships of $750 to nurses to assist them in taking post-graduate preparation in Public Health Nursing. The recipients are obligated following their course to work one year for the Victorian Order in the area where their services are most urgently needed.

7. QUEEN ELIZABETH HOSPITAL

The Alumnæ Association of the Queen Elizabeth Hospital School of Nursing offers to its members a scholarship of $300.00 for one year's study in Teaching in Schools of Nursing at the School for Graduate Nurses. In addition, consideration for maintenance would be given by the Hospital on application.

8. REDDY MEMORIAL HOSPITAL

The Board of Trustees offers a scholarship for a year's study at the School for Graduate Nurses. Only graduates of the School of Nursing in connection with the Hospital are eligible.

W. K. KELLOGG FOUNDATION LOAN FUND

Through the generosity of the Foundation, this fund has been established to assist graduate nurses who have unexpected expenses while registered in courses at the School. For further particulars applicants should consult the Director of the School for Graduate Nurses.

BURSARIES

GOVERNMENT BURSARIES

A limited number of bursaries are made available through the School, by the Province of Quebec, for nurses who wish to remain in the province.

ONE YEAR CERTIFICATE COURSES

TEACHING IN SCHOOLS OF NURSING

PUBLIC HEALTH NURSING

SUPERVISION IN PSYCHIATRIC NURSING

SUPERVISION IN OBSTETRIC NURSING

SUPERVISION IN PAEDIATRIC NURSING

ADMINISTRATION IN SCHOOLS OF NURSING

ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

ENTRANCE REQUIREMENTS

1. McGILL JUNIOR MATRICULATION

Candidates must have passed with satisfactory standing in the required papers of the McGill Junior School Certificate examination or their recognized equivalents. The number of subjects or papers to be taken in any such examination is the number normally required to obtain Junior Matriculation standing in the Faculty of Arts and Science.

The compulsory subjects are English, History, Algebra or Advanced Arithmetic, and Chemistry or Biology. Chemistry and Biology should *both* be taken if possible. The other subjects of the examination are entirely optional.

The Faculty of Arts and Science will admit a graduate of the School to the first year of any of its courses with this matriculation if the student is specially recommended by the School for Graduate Nurses.

2. NURSING PREPARATION AND EXPERIENCE

Applicants must present evidence of the satisfactory completion of the basic nursing course in an approved school of nursing. They must also present evidence of satisfactory experience in nursing following the completion of the basic nursing course, and be registered in the province or country from which they come.

3. HEALTH

The School requires that a certificate of medical examination be submitted with each application. A certificate of successful vaccination against smallpox within seven years, or of insusceptibility to vaccine within five years, must also be presented in accordance with provincial health regulations.

TEACHING IN SCHOOLS OF NURSING

This course prepares qualified nurses for positions as assistant instructors in schools of nursing and as head nurses. A period of at least one year of satisfactory experience in nursing following completion of the basic nursing course is considered a prerequisite. Field experience will be adjusted to meet individual needs.

REQUIRED COURSES

* SOCIOLOGY 21A
* CHEMISTRY 60
* PHYSIOLOGY 21
NC-2. MENTAL HEALTH
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-1. TEACHING IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION
NG-2. SOCIAL ASPECTS OF NURSING

PUBLIC HEALTH NURSING

This course of ten months prepares qualified nurses for staff positions in public health nursing organizations. A period of at least one year of satisfactory experience in nursing, following completion of the basic nursing course, is considered a prerequisite.

Field experience under supervision is an integral part of the course (NS-20, Public Health Nursing). The requirement for students without previous public health nursing experience is twelve weeks. This requirement is adjusted to meet individual needs, and students are not expected to repeat experience which has been gained under adequate supervision. (See p. 3228 for details.)

REQUIRED COURSES

* SOCIOLOGY 21A
NC-5. BACTERIOLOGY
NC-2. MENTAL HEALTH
NC-21. PUBLIC HEALTH
NC-4. NUTRITION
NG-1. TRENDS AND DEVELOPMENTS IN NURSING

* Faculty of Arts and Science.

NG-2. SOCIAL ASPECTS OF NURSING
NC-3. CHILD GROWTH AND DEVELOPMENT
NS-20. PUBLIC HEALTH NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-20. TEACHING IN PUBLIC HEALTH NURSING

CERTIFICATE IN SUPERVISION IN PSYCHIATRIC NURSING

This course is for ten months and is planned to prepare nurses who have the required qualifications to assume more responsible positions in the psychiatric field. To meet the growing demands which the expansion of services has created, a very broad interpretation is given, with considerable emphasis on community aspects. Special experience is planned so that the student may broaden her knowledge in her selected area of service, whether it is in the hospital in supervisory, teaching, or administrative positions, or in a community agency.

Applicants must have had at least two years of satisfactory experience in nursing following completion of the basic nursing course, some of which has been spent in psychiatric nursing.

The course includes lectures and related clinical experience, conferences, demonstrations.

The month of September is devoted to observation and supervised practice; from October to April inclusive, lectures in the University are correlated with a planned clinical programme. The course is concluded by two months of concentrated field experience.

REQUIRED COURSES

* PSYCHOLOGY 21
* SOCIOLOGY 21A
NC-2. MENTAL HEALTH
NG-2. SOCIAL ASPECTS OF NURSING
NC-3. CHILD GROWTH AND DEVELOPMENT
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-1. TEACHING IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION
NS-61. PSYCHIATRY
NS-60. PSYCHIATRIC NURSING

* Faculty of Arts and Science.

CERTIFICATE IN SUPERVISION IN OBSTETRIC NURSING

This course covers ten months and is planned to prepare nurses with the required qualifications to assume supervisory responsibilities in obstetric nursing service and in the development of the educational programme for undergraduate and graduate nurses.

Applicants must have had at least two years of satisfactory experience in nursing following completion of the basic nursing course, some of which has been spent in obstetric nursing.

The course includes lectures and related clinical experience, conferences, demonstrations, and special studies.

The month of September is devoted to observation and supervised practice; from October to April inclusive, lectures in the University are correlated with a planned clinical programme. The course is concluded by two months of concentrated field experience.

REQUIRED COURSES

* SOCIOLOGY 21A
NC-5. BACTERIOLOGY
NC-2. MENTAL HEALTH
NG-2. SOCIAL ASPECTS OF NURSING
NC-3. CHILD GROWTH AND DEVELOPMENT
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-1. TEACHING IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION
NS-41. OBSTETRICS
NS-40. OBSTETRIC NURSING

CERTIFICATE IN SUPERVISION IN PAEDIATRIC NURSING

This course covers ten months, and is planned to prepare nurses with the required qualifications to assume teaching and supervisory responsibilities in improving the scope and quality of paediatric nursing care and in the development of an effective clinical teaching programme.

Applicants must have had at least two years of nursing experience since their graduation, some of which has been spent in paediatric nursing. The course includes lectures, clinics, and conferences, closely correlated with carefully selected nursing experience in hospital and community health organizations, as well as various institutions which provide special care for children.

* Faculty of Arts and Science.

The month of September is devoted to observation and supervised practice. The University term consists of study and field experience. Two months of advanced experience is provided at the end of the course, in which the student assumes teaching and supervisory responsibilities.

REQUIRED COURSES

* PSYCHOLOGY 21
NC-2. MENTAL HEALTH
NS-52. SOCIAL ASPECTS OF CHILD CARE
NC-3. CHILD GROWTH AND DEVELOPMENT
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NS-51. PAEDIATRICS
NS-50. PAEDIATRIC NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-1. TEACHING IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION

CERTIFICATE IN ADMINISTRATION IN SCHOOLS OF NURSING

This course prepares qualified nurses to direct schools of nursing and nursing service in hospitals. Applicants for the course must show evidence of a satisfactory record of two or more years in an executive position. The course Teaching in Schools of Nursing or the equivalent, followed by satisfactory experience would provide the most desirable background for this advanced course. Field experience will be adjusted to meet individual needs.

REQUIRED COURSES

* SOCIOLOGY 21A
* ECONOMICS 211G
NC-11. MANAGEMENT AND ADMINISTRATION
NC-23. STATISTICS
NC-10. HOSPITAL ADMINISTRATION
NC-2. MENTAL HEALTH
NC-20. PUBLIC HEALTH

* Faculty of Arts and Science.

NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION
NA-1. ADMINISTRATION IN SCHOOLS OF NURSING

CERTIFICATE IN ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

This course prepares qualified nurses as supervisors and directors in public health nursing organizations.

The course Public Health Nursing or its equivalent, and at least two years of satisfactory experience in the field following the completion of a basic course in public health nursing, are prerequisites. Field experience will be adjusted to meet individual needs.

REQUIRED COURSES

* SOCIOLOGY 34a, or 31b
* ECONOMICS 211G
NC-11. MANAGEMENT AND ADMINISTRATION
NC-23. STATISTICS
NC-22. ADMINISTRATION IN PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NA-20. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING
NA-23. PROBLEMS IN SUPERVISION IN PUBLIC HEALTH NURSING

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* Faculty of Arts and Science.

COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF NURSING

To keep pace with the increasing demands made upon professional nursing it is essential that a sufficient number of nurses who meet the academic, personal, and professional requirements be encouraged to undertake a broader preparation for leadership than can be provided in a one-year programme.

A carefully planned two-year course is offered for this group. In the first year, students take a general course of selected subjects in the Faculty of Arts and Science, in the Faculty of Medicine, and in the professional field. The second year programme includes nursing and allied subjects, closely correlated with observation and practice, and provides opportunity for specialization in the following fields:

TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

PUBLIC HEALTH NURSING

ADMINISTRATION IN SCHOOLS OF NURSING

ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

ENTRANCE REQUIREMENTS

1. McGILL SENIOR MATRICULATION

Candidates must have passed with satisfactory standing in the required papers of the McGill Senior School Certificate examinations or their recognized equivalents. The required subjects are English, Chemistry, and any three of the following: History, Biology, French, German, Spanish, Latin, Mathematics, Physics.

2. NURSING PREPARATION AND EXPERIENCE

(a) All applicants must present evidence of the completion of the basic nursing course in an approved school of nursing with a creditable record in theory and practice. All applicants must be registered in the province from which they come.

(b) At least one year of satisfactory experience for specialization in Teaching and Supervision in Schools of Nursing, or in Public Health Nursing. At least three years of experience in which executive ability has been demonstrated, for specialization in Administration in Schools of Nursing, or in Administration and Supervision in Public Health Nursing.

A basic course in public health nursing is a prerequisite for the course in Administration and Supervision in Public Health Nursing.

3. HEALTH

The School requires that a certificate of medical examination be submitted with every application. A certificate of successful vaccination against smallpox within seven years, or of insusceptibility to vaccine within five years, must also be presented in accordance with provincial health regulations.

BACHELOR OF NURSING (Teaching and Supervision in Schools of Nursing)

REQUIRED COURSES

FIRST YEAR

* PSYCHOLOGY 21
* SOCIOLOGY 21A
NC-7. CHEMISTRY
NC-2. MENTAL HEALTH
NC-40. NUTRITION
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-2. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION

SECOND YEAR

* EDUCATION 1
* PHYSIOLOGY 21
NC-5. BACTERIOLOGY
NC-6. BACTERIOLOGY
NC-20. PUBLIC HEALTH
NC-24. TRENDS IN MODERN MEDICINE
NG-2. SOCIAL ASPECTS OF NURSING
NE-4. PROBLEMS IN TEACHING AND SUPERVISION
NE-3. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

* Faculty of Arts and Science.

BACHELOR OF NURSING (Public Health Nursing)

REQUIRED COURSES

FIRST YEAR

* SOCIOLOGY 21A
NC-7. CHEMISTRY
NC-21. PUBLIC HEALTH
NC-3. CHILD GROWTH AND DEVELOPMENT
NC-4. NUTRITION
NG-2. SOCIAL ASPECTS OF NURSING
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NS-21. PUBLIC HEALTH NURSING
NC-2. MENTAL HEALTH
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-20. TEACHING IN PUBLIC HEALTH NURSING

SECOND YEAR

* EDUCATION 1
* PSYCHOLOGY 21
* PHYSIOLOGY 21
NC-5. BACTERIOLOGY
NC-6. BACTERIOLOGY
NC-24. TRENDS IN MODERN MEDICINE
NS-22. PUBLIC HEALTH NURSING

BACHELOR OF NURSING (Administration in Schools of Nursing)

REQUIRED COURSES

FIRST YEAR

* ECONOMICS 211G
* PSYCHOLOGY 21
* SOCIOLOGY 21A
NC-20. PUBLIC HEALTH
NC-2. MENTAL HEALTH
NC-23. STATISTICS
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NA-2. ADMINISTRATION IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION

* Faculty of Arts and Science.

SECOND YEAR

* EDUCATION 1

NC-40. NUTRITION

NC-24. TRENDS IN MODERN MEDICINE

NC-5. BACTERIOLOGY

NC-6. BACTERIOLOGY

NC-11. MANAGEMENT AND ADMINISTRATION

NC-10. HOSPITAL ADMINISTRATION

NA-3. ADMINISTRATION IN SCHOOLS OF NURSING

NA-4. PROBLEMS IN SCHOOL OF NURSING ADMINISTRATION

BACHELOR OF NURSING
(Administration and Supervision in Public Health Nursing)

REQUIRED COURSES

FIRST YEAR

* ECONOMICS 211G

* PSYCHOLOGY 21

NC-22. ADMINISTRATION IN PUBLIC HEALTH

NC-2. MENTAL HEALTH

NC-23. STATISTICS

NC-11. MANAGEMENT AND ADMINISTRATION

NG-1. TRENDS AND DEVELOPMENTS IN NURSING

NA-21. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

SECOND YEAR

* EDUCATION 1

* SOCIOLOGY 34a or 31b

NC-6. BACTERIOLOGY

NC-24. TRENDS IN MODERN MEDICINE

NA-22. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

NA-23. PROBLEMS IN SUPERVISION IN PUBLIC HEALTH NURSING

* Faculty of Arts and Science.

DESCRIPTION OF COURSES

NURSING—GENERAL

NG-1. TRENDS AND DEVELOPMENTS IN NURSING

Nursing today; brief review of the growth of professional nursing; surveys and reports; the professional school of nursing; emphasis on health and social factors; present trends, including organization, economic factors, legislation; nursing as a community service.

Two hours, two terms. *Alice R. M. Major*

NG-2. SOCIAL ASPECTS OF NURSING

The course will deal with the social, emotional, and environmental factors in illness as they are met by the nurse in the hospital and in the community. These factors will be considered as they affect individuals from infancy to old age. Emphasis will be placed on the importance of team work in the treatment of the patient, and attention will be given to the various agencies within the hospital and the community with which the nurse will co-operate in carrying out her function.

Two hours, second term. *Helen H. Tuck*

NURSING—EDUCATION

NE-1. TEACHING IN SCHOOLS OF NURSING

Principles of curriculum construction; sound organization and administration of the educational programme; essential content for basic nursing education; integration of theory and practice; application of modern methods of teaching; methods of evaluation.

Two hours, second term. *Alice R. M. Major*

Field Experience: Three weeks

During the month of September provision is made for preliminary observation in local hospitals. Practice teaching is arranged for the second term. After final examinations approximately three weeks of special field experience is arranged to meet individual needs.

NE-2. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

School of nursing curricula, aim, and content; comparative study of basic programmes; methods of teaching, planning of instruction, methods of evaluation.

Two hours, second term. *Alice R. M. Major*

Field Experience: Two months

During the month of September provision is made for preliminary observation in local hospitals. Practice teaching is arranged for the second term. Two months of field experience are planned following final examinations.

NE-3. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

Administration of the educational programme under hospital and university administration; integration of theory and practice; health and preventive aspects of nursing education.

Two hours, first term. *Alice R. M. Major*

Field Experience: Two months

Two months of field experience are planned following final examinations.

NE-4. PROBLEMS IN TEACHING AND SUPERVISION

Special study of the more important problems of nursing service and nursing education; maintaining good standards of nursing care and nursing education, evaluation and revision of procedures, staffing, staff education, the ward teaching programme; guidance and counselling, evaluation of students and their work; a critical analysis of basic programme, purpose, and content of advanced nursing courses.

Two hours, second term. *Alice R. M. Major*

NE-20. TEACHING IN PUBLIC HEALTH NURSING

Opportunities and responsibilities of the public health nurse for health teaching; determining health education needs; the family as the unit of instruction; criteria for selection of teaching aids; use of newspaper, radio, and films; evaluation of programme.

Three hours and conferences, second term.

Ann Peverley and Margaret Holder

Field Experience:

Observation and practice; assignments and conferences during the term and during field work.

NURSING — ADMINISTRATION

NA-1. ADMINISTRATION IN SCHOOLS OF NURSING

Organization and administration of the school of nursing; essentials of an approved school of nursing; control by hospital or university; school of nursing committee; school budget; staff, students, dual responsibilities of superintendent of nurses, administration of educational facilities, working and living conditions, health service, records, educational programme, guidance.

Two hours, two terms. _____

Field Experience: One month

During the month of September provision is made for preliminary observation in local hospitals. Observation and practice comprise a minimum of one month in addition to planned visits and conferences during the term.

NA-2. ADMINISTRATION IN SCHOOLS OF NURSING

Evolution of schools of nursing; factors affecting present day administration; hospital and school relationships; the dual role of the superintendent of nurses; essentials of a good school; essentials of hospital nursing service; standards.

Two hours, two terms.

Field Experience: One month

One month of field experience is planned following examinations in April.

NA-3. ADMINISTRATION IN SCHOOLS OF NURSING

Principles of organization and administration; personnel administration; staff education; student selection, health service, guidance, evaluation; administration of curriculum; school budget; records; accrediting; control by universities of undergraduate and graduate courses.

Two hours, two terms.

Field Experience: Two months

Two months of administrative field experience are planned at the end of the second year.

NA-4. PROBLEMS IN SCHOOL OF NURSING ADMINISTRATION

Demands of the nursing service and of nursing education; personnel selection, relationships and morale, status and responsibilities, staff education and management; student selection, rotation, assignments, evaluation and guidance, living and working conditions, health service; staff and student records.

Two hours, second term.

NA-10. WARD MANAGEMENT AND TEACHING

Principles of management applied to nursing service and nursing education; nursing personnel, qualifications, responsibilities, relationships; staff education; ward teaching programme; rotation; ward assignments; methods of evaluation; records.

Two hours, first term. *Elizabeth Logan*

NA-11. NURSING SUPERVISION

The need for supervision in relation to nursing service and nursing education; the clinical supervisor, qualification, responsibilities and relationships; staff education; the supervisory programme; principles of supervision; evaluation of supervision.

Two hours, second term. *Elizabeth Logan*

NA-20. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Application of principles of organization and administration to field of public health nursing; trends and policies in official and voluntary organizations; organization, finance, budget; personnel selection and management; supervision; staff and student education; relationships; administration of rural and urban programmes.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience: One month

Observation of methods and content of supervision is followed by conference and discussion during the session. One month practice in administration and supervision in the field.

NA-21. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Trends and developments in official and voluntary health services; implications for public health nursing; principles of organization and administration and application to public health nursing; programme planning; principles and methods of supervision.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience: One month

Observation of methods and content of supervision is followed by conference and discussion during the session. One month practice in administration and supervision in the field.

NA-22. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Administration in public health nursing; organization and control; board and committees; finance, budget, purchasing; office management; personnel policies, selection, training, and management; supervisory programmes; staff education; student programmes; evaluation; interpretation; volunteers; relationships.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience: Two months

Two months of administrative experience under supervision.

NA-23. PROBLEMS IN SUPERVISION IN PUBLIC HEALTH NURSING

Study of the more important problems of service and education in the public health nursing field; maintenance of standards; balancing the programme; supervision in office and field; records; evaluation; supervisory reports; relationships.

Two hours, two terms. *Ann Peverley*

NURSING—SPECIALTIES

NS-20. PUBLIC HEALTH NURSING

Scope of public health nursing today; trends, objectives, principles, functions, and methods, with emphasis on family health; records and statistics; application of principles and methods to development of urban and rural nursing services; maternal, infant, pre-school, school, industrial, and morbidity programmes; planning and evaluating public health nursing services.

Three hours, two terms. *Margaret Holder*

Field Experience:

(*a*) Four weeks of preliminary field experience in September.

(*b*) Field trips to health and social agencies throughout the session.

(*c*) One day each week in the field during the session, to the extent of two weeks of experience.

(*d*) Six weeks of supervised practice in May and June.

NS-21. PUBLIC HEALTH NURSING

Scope of public health nursing today; development and trends; objectives, principles, functions, and methods, with emphasis on family health service; records and statistics; community nursing needs.

Three hours, two terms. *Ann Peverley and Margaret Holder*

Field Experience: Two months

Throughout the course field visits are made to health and social agencies in the community.

NS-22. PUBLIC HEALTH NURSING

Application of principles and methods in development of adequate programmes for maternal, infant, pre-school, school, industrial, communicable disease, and morbidity services; planning and evaluating public health nursing services in rural and urban areas; organization of public health nursing programmes in Canada.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience: Two months

Throughout the course field visits are made to health and social agencies in the community.

NS-40. OBSTETRIC NURSING

Essential nursing care and specific procedures in obstetric nursing from the point of view of administration and teaching.

One hour and conference, two terms.

Caroline V. Barrett and Gertrude L. Yeats

Field Experience: Three months

NS-41. OBSTETRICS

The lectures and tutorials cover in detail: the physiology of reproduction and pregnancy; antenatal care; abnormalities of pregnancy, labour, and puerperium; care of the newborn.

Students also attend demonstrations, clinics, and ward rounds on obstetric patients.

Three hours, two terms. *Professors N. W. Philpott and G. A. Simpson*

NS-50. PAEDIATRIC NURSING

Study and application of nursing methods and techniques in relation to the care of sick children with emphasis on their normal growth, development, and state of health.

One hour and conference, second term.

Elizabeth Logan and Madeline Flander

Field Experience: Twelve hours a week concurrently

NS-51. PAEDIATRICS

Lectures, conferences, and clinics to provide for the student in Paediatric Nursing an understanding of the diseases of children and the newer methods of treatment.

Two hours, second term. *Professor Alton Goldbloom*

NS-52. SOCIAL ASPECTS OF CHILD CARE

The general course in Social Aspects of Nursing, taken concurrently with seminars devoted to the study and discussion of the needs of individual sick children.

Two hours and conferences, second term.

Elizabeth Logan and special lecturers

NS-60. PSYCHIATRIC NURSING

Nursing care based upon interpretation of the behaviour of patients and the underlying dynamics of behaviour; a consideration of social problems associated with mental illness; community facilities dealing with these

problems; consideration of the factors in preventive psychiatry; educational programme—professional, auxiliary, and student personnel; application of principles of supervision and administration to psychiatric nursing.

Two hours and conference, two terms.

Ruth L. Horlick and Kathleen Marshall

Field Experience: Three months

NS-61. PSYCHIATRY

Psychoneuroses and behavioural problems generally; the relationship of deviations in human behaviour to social situations, the importance of hereditary factors, motivations, incentives, and the part played by emotional factors in the production of personality difficulties.

One hour, two terms *Professor Ewen Cameron and Staff*

NURSING—COGNATE COURSES

NC-1. PRINCIPLES OF LEARNING AND TEACHING

Psychological principles of learning and teaching. Teaching aims and methods; selection and organization of subject matter to meet specific needs; preparation for effective teaching; evaluation of teaching.

Three hours, first term. *Alice R. M. Major*

NC-2. MENTAL HEALTH

A study of the nature of human behaviour, the basic principles of mental health and the intellectual, emotional, physical, and social factors involved in personality maladjustments and mental disorders.

Two hours, first term. *Professor Baruch Silverman and special lecturers*

NC-3. CHILD GROWTH AND DEVELOPMENT

Present day concepts of normal growth and development of the child from infancy through adolescence, providing a basis for anticipatory guidance, for recognition of physical and mental deviation, and for effective planning of administration and teaching for child care; concurrent observation in nursery schools, schools, and settlement houses.

Two hours, first term. *Elizabeth Logan and special lecturers*

NC-4. NUTRITION

Malnutrition, its prevalence, causes, and prevention; nutritional needs of all family members in health and illness; nutrition education methods for individuals and groups, teaching aids; the budgeting of food money; planning of adequate menus at various income levels.

Two hours, two terms. *Marian Bain*

NC-40. NUTRITION

Recent advances in the field of nutrition; nutrional needs during health and illness, newer methods of teaching individuals and groups; the hospital with respect to nutrition education, integration of nutrition teaching with other subjects in the curriculum of the student nurse; methods of improving the nutrition education of hospital patients.

Two hours, second term.

Marian Bain

NC-5. BACTERIOLOGY (Bacteriology 8 in Faculty of Medicine)

An introductory course in Bacteriology and Immunology dealing with fundamental principles and their application to the study of sources and modes of infection, methods of diagnosis and prevention, and the place of this knowledge in nursing. No attempt is made to carry out an elaborate study of pathogenic bacteria nor to acquire bacteriological techniques. The laboratory periods provide an opportunity for demonstration of material discussed in the lecture periods.

Four hours, first term. *Dr. Frances H. Prissick*

(22 lectures and 20 hours of practical work).

NC-6. BACTERIOLOGY (Bacteriology 10 in the Faculty of Medicine)

A series of 13 two-hour seminars offered to candidates taking the Degree Course who have successfully completed Bacteriology 8. The content of the course is restricted to applications of Bacteriology and Immunology to the various fields of nursing. It is an attempt to discuss in a practical manner the contributions which these sciences can offer to the solution of problems raised in the attempt to prevent, diagnose. and control infectious diseases.

Two hours, second term.

Professors E. G. D. Murray, J. W. Stevenson, and G. G. Kalz

NC-7. CHEMISTRY (Chemistry 72a in the Faculty of Arts and Science)

A survey of organic chemistry with special emphasis on biochemical applications. A brief introduction to radioactivity and tracer applications is also given.

Three hours, first term. *Dr. Samuel Madras*

NC-10. HOSPITAL ADMINISTRATION

Principles of organization and administration applied to the hospital; committees, finance, purchasing, maintenance, housekeeping, personnel, medical and nursing services, administration of departments, health service; the school of nursing in the hospital.

Two hours and conference, second term.

Drs. B. S. Johnston and J. Gilbert Turner

NC-11. MANAGEMENT AND ADMINISTRATION

Principles of organization and administration; administrative control, policies and procedures, finance, public relations; personnel qualifications, selection, training and placement, salaries, promotions, working conditions, welfare programmes, relationships, personnel records.

Two hours, first term. *James A. Coote*

NC-20. PUBLIC HEALTH

Brief survey of the development and present status of public health in Canada and other countries; policy and function of national, provincial, and local health departments; role of the voluntary agency; legislation affecting health; vital statistics; epidemiology.

Two hours, first term. *Professor C. W. MacMillan*

NC-21. PUBLIC HEALTH

The development and present status of public health in Canada and other countries; policy and function of national, provincial, and local health departments; role of the voluntary agency; legislation affecting health; vital statistics; epidemiology; planning community health programmes, rural and urban; maternal, infant, pre-school, school, and industrial health services; evaluation of health services.

Two hours, two terms. *Professor C. W. MacMillan*

NC-22. ADMINISTRATION IN PUBLIC HEALTH

General principles underlying health organization and administration; trends and policies; role of official and voluntary agencies; health legislation; vital statistics; present day epidemiological practice; programme planning; evaluation of public health services, health surveys.

Two hours, first term. *Professors R. P. Vivian and C. W. MacMillan*

NC-23. STATISTICS

Description and definition of basic concepts and of statistical materials; tables and graphs; Canadian population statistics; statistics of medical services and methods of estimating requirements; analysis of rates, ratios, and trends of Canadian vital statistics; principles of a statistical study.

Two hours, second term.

NC-24. TRENDS IN MODERN MEDICINE

A series of lectures by various specialists on selected topics dealing with advances in medical sciences and the consideration of social factors which enter into the modern practice of medicine.

Two hours, second term. *Professor R. P. Vivian and special lecturers*

COURSES GIVEN IN OTHER FACULTIES

CHEMISTRY 60. The Chemistry of Daily Life.

For students in Arts, the School for Graduate Nurses, and others who wish to gain an insight into the importance of chemistry. No previous knowledge of the subject is required. Demonstrations take the place of formal laboratory operations. Major branches of chemistry discussed are Inorganic, Organic, and Food.

Two hours, two terms. *Professor W. H. Hatcher*

Text: Hatcher, *An Introduction to Chemical Science*, 2nd edition (Wiley).

ECONOMICS 211G. Elements of Political Economy.

Production, distribution, and exchange of goods; money and banking; price; international trade, and foreign exchange; labour and trade unions; related topics.

Three hours, two terms. *Professor John Culliton*

EDUCATION 1

General principles.

Three hours, two terms. *Professors John Hughes and A. B. Currie*

PHYSIOLOGY 21. Human Biology

A concise account of the structure and functions of the human body, given jointly by the Departments of Anatomy, Biochemistry, and Physiology.

Three hours, two terms.

Professors Cecil P. Martin, David L. Thomson, and F. C. MacIntosh

Text: Best and Taylor, *The Living Body.*

PSYCHOLOGY 21. Introduction to Psychology

A biologically oriented outline of the modern approach to psychology.

Two hours and
One weekly conference, two terms. *Professor D. O. Hebb*

Text: Munn, *Psychology* (Houghton Mifflin).

SOCIOLOGY 21A. Introduction to Sociology

Three hours, two terms. *Professor Aileen D. Ross*

SOCIOLOGY 31b. Complex Social Structures

Analysis of organized groups in a complex social structure; classification of institutions; theory of institutional statuses and roles; individual career lines; case study of the professions.

Three hours, second term. *Professor Oswald Hall*

SOCIOLOGY 34a. The Family

The structure and function of the family and its relation to the social structure; the family and social change; the family as a primary group; family disorganization and reorganization.

Three hours, first term. *Professor Aileen D. Ross*

McGill University

Montreal

School of Social Work

1953-1954

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:—

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. For limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

TABLE OF CONTENTS

	Page
Calendar of Dates	3304
Administrative Officers of the University	3305
Staff of the School	3306
Sessional Instructors in Field Work	3307
Centres for Field Instruction	3308
General Information	3311
Resources and Equipment	3313
Degrees	3313
Admission Requirements	3313
Advanced Standing	3314
Application and Registration	3314
Plan of Study	3315
Fees	3316
Bursaries and Loans	3317
Description of Courses	3318
Extension Courses	3323

School of Social Work

CALENDAR FOR 1953 - 1954

1953

September 28th, Monday. Registration all second year students (9:00-12:00) and all part-time students (1:30-4:00).

September 29th, Tuesday. General Assembly and Reception all students.

September 30th, Wednesday. Registration all first year students.

October 1st, Thursday. Instruction begons.

October 6th, Tuesday. Fall Convocation.

December 22nd, Tuesday. Last day of lectures and field work before Christmas.

1954

January 4th, Monday. Lectures and field work resumed.

January 22nd, Friday. First term ends.

January 27th-29th, Wednesday-Friday. Examinations.

February 1st, Monday. Second term begins.

April 16th-19th, Friday-Monday. Easter Vacation.

May 7th, Friday. Last day of lectures.

May 12th-14th, Wednesday-Friday. Examinations.

May 17th, Monday. Full time field work (1st year) and full time research (2nd year) begin.

May 26th, Wednesday. Convocation.

June 25th, Friday. Second term ends.

Social Work

The School of Social Work is under the administrative jurisdiction of the Faculty of Arts and Science.

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, M.A., Ph.D., D.Sc., D. de l'U., D.C.L., LL.D., F.R.S.C. — *Principal*

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean of McGill College (Faculty of Arts and Science)*

John J. O. Moore, M.A., Ed.D. — *Director of the School of Social Work*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. — *Bursar*

T. H. Matthews, M.A., LL.D. — *Registrar*

G. A. Grimson, B.Com. — *Chief Accountant*

SCHOOL OF SOCIAL WORK OFFICE

3600 University Street
Montreal 2, P.Q.
Telephone—MA 9181

STAFF OF THE SCHOOL OF SOCIAL WORK

FRANCES F. ANDERSON, M.S.S., Smith College School of Social Work
Assistant Supervisor in Research

J. O. W. BRABANDER, M.D., C.M. — *Lecturer in Medicine*

FRITZ BRANDTNER — *Special Lecturer in Group Work Skills*

FLORENCE M. CHRISTIE, B.A., Diploma, School of Social Work, University of Toronto, M.A., School of Social Service Administration, University of Chicago
Assistant Professor of Social Work and General Supervisor of Field Work

DOROTHY FREEMAN, B.A., Diploma, McGill School for Social Workers
Assistant Professor of Social Work and Supervisor of Field Work in Psychiatric Social Work

MARGARET GRIFFITHS, B.A., Diploma, School of Social Work, University of Toronto, M.A., School of Social Service Administration, University of Chicago
Special Lecturer in Child Welfare and Supervisor of Field Work Unit

MARIE-LUISE HOLTZ — *Special Lecturer in Group Work Skills*

DONALD B. HURWITZ, B.A., M.S., Western Reserve University
Special Lecturer in Community Organization

LUCILLE IRVINE, M.A. — *Special Lecturer in Psychiatric Information*

PEARL LEIBOVITCH, B.A., Diploma, Montreal School of Social Work
Supervisor of Field Work Unit

ROGER MARIER, LL.L., M.Sc.Soc., Laval University, M.S.S.W., Catholic University of America
Associate Professor of Social Work, Public Welfare

JOHN J. O. MOORE, B.A., M.A.(Soc. Wk.), University of Denver, Ed.D.
Professor of Social Work and Director of the School

MIQUEL PRADOS Y SUCH, M.D.
Associate Professor of Psychiatry, Adviser for Psychiatric Sequence

VERITY M. ROSS, M.Sc., Ph.D. — *Assistant Supervisor in Research*

JOY R. SMITH, B.A., M.S.W., McGill University School of Social Work
Supervisor of Field Work Unit

MARY STEVENSON, B.A., Diploma, School of Social Work, University of Toronto, M.S.W., McGill University School of Social Work
Special Lecturer in Social Case Work and Supervisor of Field Work Unit

PEARL SWITZER, B.A., B.S.W., University of British Columbia School of Social Work
Supervisor of Field Work Unit

HELEN H. TUCK, B.A., M.S.W., McGill University School of Social Work
Assistant Professor of Social Work and Supervisor of Field Work in Medical Social Work

DAVID WEISS, B.S.S., Diploma, New York School of Social Work
Special Lecturer in Administration of Social Agencies

EVA R. YOUNGE, M.A.
Associate Professor of Social Work and Director of Research

ANNE B. ZALOHA, Ph.B., School of Social Service Administration, University of Chicago, M.A., Northwestern University
Associate Professor of Social Work and Supervisor of Field Work in Group Work

GEORGE ZAVITZIANOS, M.D. *Special Lecturer in Psychiatric Information*

SESSIONAL INSTRUCTORS IN FIELD WORK

MISS BARBARA ALLAN, M.S.W.
MRS. DOROTHY E. BARRIER, B.A.
MISS JOYCE BEATTY, M.S.W.
MISS MARY W. CURRIE, B.A.
MRS. JAY FRASER, B.A.
MR. RALPH GARBER, M.S.W.
MISS A. HENRIETTA HARVIE
MISS JEAN HUGGARD, M.S.W.
MISS ELIZABETH LAVERS, B.S.W.
MISS JESSIE LAWRENCE, M.S.W.
MRS. ELIZABETH MACDONALD, M.S.W.
MISS JOAN MACFARLANE, B.S.W.
MISS PATRICIA MORRISON, B.S.W.
MISS JANET PEARSON, M.S.W.
MISS SHIRLEY RAMSDALE, M.S.W.
MRS. RITA SAMUEL, M.S.W.
MISS DOROTHY SEGAL
MISS ELEANOR A. SIMPSON, M.S.W.
MISS BARBARA WALLACE, M.S.W.
MISS MARIA WICHERS, M.S.W.
MR. D. FRASER C. WOODHOUSE, M.S.W.

CENTRES FOR FIELD INSTRUCTION

MONTREAL

Allan Memorial Institute of Psychiatry of the Royal Victoria Hospital: Director, Dr. D. Ewen Cameron

Baron de Hirsch Institute, Family Welfare Department: Executive Director, David Weiss

B'Nai B'Rith Youth Organization: Director, M. M. Bruker

Catholic Boys' Services: Director, J. F. Dalton

Children's Service Centre: Executive Director, Mrs. Muriel B. McCrea

Children's Memorial Hospital, Social Service Department: Director, Mrs. Christina G. James

Department of Veterans' Affairs, Social Service Division: District Supervisor, Mrs. Gladys L. Fulford

Family Welfare Association: General Secretary, G. B. Clarke

Federation of Jewish Community Services: Executive Director, Donald B. Hurwitz

Iverley Community Centre: Executive Secretary, Miss A. I. Vail

Jewish Child Welfare Bureau: Executive Director, David Weiss

Jewish Immigrant Aid Society: Director of Social Services, Joseph Kage

Mental Hygiene Institute: Director, Dr. Baruch Silverman

Montreal Boys' Association: Executive Director, C. A. Wylie

Montreal Council of Social Agencies: Executive Director, Charles H. Young

Montreal General Hospital, Social Service Department: Director, Miss Avis Pumphrey

Montreal Girls' Association: Programme Director, Mrs. Agnes Mutchler

Montreal Neurological Institute, Social Service Department: Director, Miss Elizabeth B. DeBrisay

Negro Community Centre: Executive Director, S. A. Clyke

Neighbourhood House: Executive Director, Robert B. Lazanik

PROTESTANT BOARD OF SCHOOL COMMISSIONERS, Attendance Department: Chief Attendance Officer, B. H. Brown

ROYAL VICTORIA HOSPITAL, Social Service Department: Director, Miss J. Elizabeth Taylor

ST. ANDREW'S YOUTH CENTRE: Executive Director, E. A. Cotton

UNIVERSITY SETTLEMENT: Executive Director, Howard R. McCartney

YOUNG MEN'S AND YOUNG WOMEN'S HEBREW ASSOCIATION: Executive Director, Harvey Golden

YOUNG WOMEN'S CHRISTIAN ASSOCIATION: General Secretary, Miss Ann Silver

OTTAWA

CHILDREN'S AID SOCIETY: Executive Director, Clarence Halliday

School of Social Work

GENERAL INFORMATION

The McGill University School of Social Work offers a full two-year course of professional training at the graduate level. In accordance with the University's requirement that all Schools should be affiliated with a Faculty, it is administered under the Faculty of Arts and Science.

In 1918, McGill University founded a School for Social Workers which was discontinued in 1932. In 1933, with the approval and cooperation of the University, an independent school, offering a two-year course to university graduates and known as the Montreal School of Social Work, was established. In October 1945, the University resumed the function of social work education and, by agreement with its Board of Trustees, the Montreal School of Social Work became the McGill University School of Social Work. The final step in integrating the School into McGill University was taken in 1950, since which time the University has assumed complete responsibility for it. The School has been a fully accredited member of the American Association of Schools of Social Work since 1939, and, as such, is closely in touch with significant developments in social work education on the North American continent, and throughout the world.

PURPOSE

The purpose of the School is to provide qualified men and women with the preparation necessary for successful practice in all branches of professional social work. This education is offered on a graduate level, in a curriculum of courses, supervised practice, and research, planned in accordance with the general policies and standards of the Council on Social Work Education. Opportunities for intensive preparation for a particular field of social work are available to those who have completed successfully the broad general training of the first year, or its equivalent. These include the accredited sequences in psychiatric social work, medical social work, and social group work, which receive special approval by the Council on Social Work Education and professional bodies.

THE PROFESSION OF SOCIAL WORK

During the past few decades the services of trained social workers have been increasingly sought by both public and private social welfare agencies. The supply of such workers has never kept pace with the demand and the present shortage is gravely acute. Urgent requests for graduates to fill responsible and well-paid positions are received almost daily. It is obvious that the development of social security programmes and welfare schemes of many kinds, both at home and on the international level, will afford opportunities for satisfying and useful careers to men and women who equip themselves in a school of social work to render services which fall within the following general groupings:

Social Case Work, involving direct service to individuals and families, with four main subdivisions: Family Social Work, Child Welfare, Medical Social Work, and Psychiatric Social Work.

Social Group Work, designed to provide individuals with socialized experience through group activities, such as are carried on in recreation centres, social settlements, and camps.

Community Organization, concerned with the planning, organization, and development of the community to meet changing community situations and needs.

Public Welfare, concerned with social services under public auspices, the particular relationship they provide with the clientele, their administration, and their planning.

Social Administration, dealing with the administration and planning phases of social work, including supervision of other workers, teaching, and consultant services.

Research in Social Work, which, in addition to the type of research common to all social sciences, is specifically addressed to programmes, techniques, cost, efficiency, and social significance of the work of social agencies under public and private auspices.

Graduates of the School are to be found in responsible positions in the numerous private social agencies in the cities and rural areas of Canada, and in foreign countries, as well as in the public welfare services, federal, provincial, and municipal. Increased recognition of the value of professionally trained personnel and improved salaries for all classes of social work positions in recent years indicate that well qualified graduates can look forward to fairly rapid advancement and reasonable remuneration.

RESOURCES AND EQUIPMENT

The School is an integral part of McGill University and its students are able to participate fully in the varied life of a great university. Its affiliation with the Faculty of Arts and Science assures close liaison with the resource bodies of knowledge, particularly the social and biological sciences. In several related fields of professional study—particularly law, medicine, and psychiatry—a rich university tradition of scholarship and achievement is available to it. It has its own building providing classroom accommodation, students' common room, and a compact up-to-date social work library to which new books, documents, and pamphlets are added continuously. Students may also use the Redpath Library, the Medical Library, and special libraries in the School of Commerce, the Faculty of Law, and the Mental Hygiene Institute.

Montreal, the largest and most cosmopolitan city of Canada, affords varied and unique community resources in both the public and private social services. The well known teaching hospitals of the city offer unexcelled opportunities for medical and psychiatric social work training. Four Financial Federations and two Councils of Social Agencies afford a fertile field for the study of community organization. Private family, child welfare and group work agencies are well organized and offer diversified field experience. Federal and Provincial Government local administrative offices, such as the National Employment Service, Unemployment Insurance Commission, Workmen's Compensation Board, Old Age Pensions Board, Mothers' Allowance Commission, etc., are available for study.

DEGREES

The degree of Master of Social Work (M.S.W.) is awarded to students who complete the two-year graduate course in accordance with the regulations of the Faculty of Arts and Science. (The B.S.W. degree, formerly awarded to students completing one year of training, has been discontinued in accordance with developments in the field and the recognition of the two-year course as a minimum training requirement.)

ADMISSION REQUIREMENTS

1. DEGREE STUDENTS

Applicants must meet the following requirements:

(a) Graduation with a bachelor's degree from a university or college of recognized standing. Applicants should have completed, with superior standing, an undergraduate course providing a broad liberal education,

with a substantial core in the social sciences, particularly sociology, psychology, economics, and political science. (Students holding a bachelor's degree may be advised on admission to undertake some supplementary basic preparation, either prior to admission or between sessions.)

(b) Good health as certified by a physician.

(c) Personal qualifications which in the opinion of the School appear to warrant expectation of success in social work.

(d) Age between 21 and 35 years except in special circumstances.

2. LIMITED DEGREE STUDENTS

Applicants employed in social work who meet the above admission requirements may take a limited number of courses in each session. Credit may be given for these courses but no student may qualify for a degree without a session of resident study, in which the student carries approximately two-thirds of a full time programme.

3. PARTIAL STUDENTS

A limited number of mature persons who are not university graduates, but whose general background and experience in social work suggest ability to profit by work in the School, may be accepted as special students at the discretion of the Committee on Standings. Such students may be required to register in certain undergraduate courses of the Faculty of Arts and Science. A statement of standing for courses taken under examination may be obtained on request, but credit is not given towards a degree.

ADVANCED STANDING

Courses: Students desiring to secure credit towards a degree for courses taken in other universities or schools of social work must submit official records with any applications for such credit. Each case will be dealt with on its merits.

Field Work: In certain circumstances students may be given credit for field work undertaken prior to registration in the School. In no case will the amount of such credit be determined until the School has had an opportunity of observing the student's performance in the field.

Decisions involving questions of advanced standing will be made by the Committee on Standings.

APPLICATION AND REGISTRATION

Application for admission must be made in advance of registration. Since enrolment is limited and the admissions policy is selective, intending students are advised to apply by *April 1st* in the year during which they desire to enter the School. Early applications will receive preferential

consideration. A personal interview is arranged, at the School whenever possible; otherwise an applicant may be requested to interview a person designated by the School. Application forms may be obtained from the School of Social Work, McGill University. Applicants who are not McGill graduates must submit a certified copy of their academic record beyond high school. Applications must be accompanied by a physician's certification that applicant has been examined and is in good health.

Registration: Students in the School of Social Work will register at the School, 3600 University Street, as indicated in the School Announcement (page 3304). Registration begins Monday, September 28th.

All students are admitted on probation. A student may be asked to withdraw if careful review of his progress suggests this to be advisable.

Students taking a full programme of courses in any term usually cannot expect to do the work of the School satisfactorily unless they give their full time to it.

PLAN OF STUDY—

Requirements for the Master of Social Work Degree (M.S.W.)

FIRST YEAR PROGRAMME

Basic courses in the following subjects are required of all candidates:

SOCIAL CASE WORK
SOCIAL GROUP WORK
MEDICAL INFORMATION
PSYCHIATRIC INFORMATION
COMMUNITY ORGANIZATION
PUBLIC WELFARE
SOCIAL RESEARCH
FIELD WORK

The programme of first year students is largely prescribed.

Requirements for the first year of work are:

1. Completion of the equivalent of five "full courses" in the above list.
2. Supervised field work (a) two days per week, October-May, (b) daily for six weeks during May and June.

SECOND YEAR PROGRAMME

Admission to second year standing will be restricted to those students who have obtained at least second class standing in the first year course

or its equivalent and whose performance is satisfactory to the Committee on Standings. The pass mark in all courses will be 50 per cent in the first year and 65 per cent in the second. A thesis satisfactory to internal and external examiners will be required; permission to write supplemental examinations or to repeat courses will be granted only when the School so recommends.

In the second year the student may elect to broaden and deepen his general preparation for the practice of social work or to concentrate his studies, to some extent, in a particular field of his choice.

At present the School prepares students for practice in the following fields:

FAMILY CASE WORK
CHILD WELFARE
MEDICAL SOCIAL WORK
PSYCHIATRIC SOCIAL WORK
COMMUNITY ORGANIZATION
PUBLIC WELFARE
SOCIAL GROUP WORK
SOCIAL RESEARCH
SOCIAL ADMINISTRATION

The degree requirements are:

1. Completion of the first year programme.
2. The equivalent of four additional "full courses".
3. Supervised practice.
4. Thesis.

FEES

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees if, in the opinion of the Board of Governors, circumstances so require.

(a) FULL-TIME STUDENTS

Fees for the Session, Each Year:

University Fee	$325.00
Students' Society Fee	15.00

(b) LIMITED AND PARTIAL STUDENTS

Fee for one full course (two terms)	$90.00
Fee for one half course (one term)	45.00
Student activities fee for limited students and partial students taking less than three courses	5.00

When fees are paid by instalments, an instalment fee of $5.00 is charged. Special fees and penalties, and the regulations regarding payment and remission of fees, are listed in the General Information pamphlet included with this Announcement.

(c) OTHER FEES

A candidate for the Master's degree, who has completed his courses and his residence but has not completed his thesis, must pay a registration fee of $10.00 at the beginning of the session in which he intends to submit the thesis. Any student receiving thesis supervision from a member of the staff is considered to be in residence and must register for the session and pay a fee of $25.00 plus a student activities fee of $5.00. (This amount covers use of library facilities.)

Fees herein stated do not cover expenses such as carfare to and from field work, and small miscellaneous items such as materials for group work skills.

BURSARIES AND LOANS

A number of bursaries are available for the Session 1953-54.

Substantial financial assistance may be given under the Federal-Provincial Health Grants to students desiring to qualify in psychiatric and medical social work.

Similar assistance is also available through some Provincial Governments in Canada, and State Governments in the United States. Prospective students, other than those from the Province of Quebec, interested in obtaining such financial assistance, should make inquiry through their provincial or state government.

A limited number of bursaries, supported by private organizations, are available.

While awards are made only to students of attainment and promise, the financial needs of applicants will receive consideration. Inquiries should be addressed to the Director.

Loans are available from the Social Work Alumni and Southam Loan Funds.

DESCRIPTION OF COURSES

1a. SOCIAL CASE WORK I. First Year (Half course). Principles and methods used in helping individuals and families meet personal and social needs through social agency resources. Significance of behaviour, evaluation of social data, process in interviewing, recording, and the professional relationship are considered. Illustrative case material and the field experience of class members will be used.

First term *Mrs. Stevenson*

1b. SOCIAL CASE WORK I. First Year (Half course). A continuation of Course 1a above.

Second term *Mrs. Stevenson*

2. SOCIAL CASE WORK Ia. First Year (Half course). A survey of principles and methods in social case work as a basic approach in social work. The relation of social case work to social group work. Case material is used.

For students not majoring in social case work.

First term *Professor Moore*

3. SOCIAL CASE WORK WITH CHILDREN. Second Year (Half course). The case work process in care and protection of children. Special needs of children living with natural parents, in foster homes, and in group settings.

First term

4a. ADVANCED SOCIAL CASE WORK. Second Year (Half Course). A discussion course in which emphasis is placed upon the application of psychiatric theory to case work practice.

Prerequisites: Courses 1a, 1b, 5a and 5b.

First term *Professor Freeman*

4b. ADVANCED SOCIAL CASE WORK. Second Year (Half course). A continuation of Course 4a above.

Second term *Professor Freeman*

5a. PSYCHIATRIC INFORMATION I. First Year (Half course). Dynamics of personality; the biological, intellectual, emotional, and social determinants of human behaviour. Emphasis will be on the normal personality growth and deviations in behaviour from birth to old age.

First term *Mrs. Irvine*

5b. PSYCHIATRIC INFORMATION I. First Year (Half course). A continuation of Course 5a above.

Second term *Mrs. Irvine*

6. PSYCHIATRIC INFORMATION II. Second Year (Half course). A discussion of clinical cases focused on the dynamics of behaviour in the neuroses and

in the organic and functional psychoses. Etiological factors, examination methods, and treatment procedures. The contribution of the various schools of psychiatric thought to social work. Class work supplemented by clinical observations.

First term

Dr. Zavitzianos

7. SOCIAL GROUP WORK I. First Year (Half course). A survey of principles and methods in group work as a basic approach in social work. Description and analysis of agencies and types of organizations in which group relations and group process are emphasized. The course includes the discussion of the relation of group work to other types of social work, particularly case work.

For students not majoring in group work.

First term

Professor Zaloha

8a. SOCIAL GROUP WORK II. First Year (Half course). A study of the theories and principles of group work practice. The nature of the social process in organized groups and its value to the individual; group experience at varying age levels; the use of play and other media in relation to the needs and adjustment of the individual; the role of the leader in group work. A discussion of group situations based on group records. An analysis of agencies and their programmes. The interrelation of group work and other fields of social work.

First term

Professor Zaloha

8b. SOCIAL GROUP WORK II. First Year (Half course). A continuation of Course 8a above.

Second term

Professor Zaloha

9. SOCIAL GROUP WORK IIa. First Year (Half course). A course required in connection with Social Group Work II planned to develop skill and understanding in the use of programme activities designed to meet the needs of individuals and ability to direct such activities to socially desirable ends. Consideration will be given to the fundamentals of music, traditional games, folk dancing, arts and crafts, and their adaptation to groups of various ages and types.

First and second terms

Professor Zaloha

10a. SOCIAL GROUP WORK III. Second Year (Half course). An advanced course dealing with organization and leadership of various types of groups and the relation of these groups to the agency and community. Analysis of group records; agency functions in relation to leadership for staff, volunteers, and community; administrative and advisory aspects of group work.

Prerequisites: Courses 8a, 8b, 9.

First term

Professor Zaloha

10b. SOCIAL GROUP WORK III. Second Year (Half course). A continuation of Course 10a above.

Second term *Professor Zaloha*

11. SOCIAL GROUP WORK IIIa. Second Year (Half course). A continuation of Social Group Work IIa with additional emphasis on dramatics and music, and their use with groups of various ages and types.

First and second terms *Professor Zaloha*

12. COMMUNITY ORGANIZATION I. First Year (Half course). A study of methods of community organization. The establishment of constructive relationships between social work organizations and other forces in the community. Discussions of relationships between public and private, local, provincial, and national social agencies. Organization and problems of councils of social agencies, financial federations, etc.

Second term *Mr. Hurwitz*

13. COMMUNITY ORGANIZATION II. Second Year (Half course). An advanced course in problems and techniques of community organization.

First term

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14. ADMINISTRATION OF SOCIAL AGENCIES. Second Year (Half course). The administrative process within the social agency; functions and interrelationships of board of directors, executive, and staff. Committees. Financial administration and budgeting; office management, etc.

First term *Mr. Weiss*

15. GOVERNMENT AND SOCIAL WORK. First Year (Half course). The Canadian nation; land, resources, population. Economic development. Political institutions and administrative structure. Distribution of welfare functions among national, provincial, and municipal authorities. Constitutional problems and remedies proposed. Public finance and taxation.

First term

16a. PUBLIC WELFARE I—THE SOCIAL SERVICES. First Year (Half course). A survey course, designed primarily for first year students. Historical background of modern social services both public and private. Analysis of major social problems today, and of the services developed to meet them. Examination of policies in such areas as public assistance, social insurance, child welfare, correction, medical care, and other health services. Interrelationships between public and private social services. Administration framework in relationship to plans for social security.

First term *Professor Marier*

16b. PUBLIC WELFARE I—THE SOCIAL SERVICES. First Year (Half course). A continuation of Course 16a above.

Second term *Professor Marier*

17. PUBLIC WELFARE II (a)—CHILD WELFARE. Second Year (Half course). Historical development of child welfare services in England, United States, and Canada. Interrelationships between public and private services. Examination of existing child welfare legislation with particular reference to the care of neglected and dependent children. Problems of organization and administration.

First term *Miss Griffiths*

18. PUBLIC WELFARE II(b)—SOCIAL INSURANCE. Second Year (Half course). Historical background and development. Examination of social insurance systems today. Problems of administration. Relationship to public assistance and social agencies. Problems of integration with public assistance programme.

Second term *Professor Marier*

19. PUBLIC WELFARE II(c)—PUBLIC ASSISTANCE. Second Year (Half course). Examination of essentials in a modern public assistance programme. Categorical aid. Relationship to health services and to private social agencies. Problems of organization and administration. Problems of integration with social insurance.

First term *Professor Marier*

20. PUBLIC WELFARE II(d)—PUBLIC WELFARE ORGANIZATION AND ADMINISTRATION. Second Year (Half course). Examination of principles of public administration in a public welfare setting. Structure of major Canadian public welfare organizations. Problems of reorganization. Administrative process.

Second term *Professor Marier*

21. MEDICAL INFORMATION I. First Year (Half course). Basic medical information concerning maintenance of health and treatment of acute illness, chronic diseases, and permanent physical impairment from infancy through adult life. Discussion of environmental and social factors influencing the restoration of the individual.

First term *Dr. Brabander, Professor Tuck, and medical lecturers*

22. MEDICAL INFORMATION II. First or Second Year (Half course). Further consideration of the rehabilitation problems of adults and children in relation to selected disease entities.

Second term *Dr. Brabander, Professor Tuck, and medical lecturers*

23a. MEDICAL SOCIAL WORK. Second Year (Half course). A course designed to meet the needs of second year students who wish to specialize in medical social case work.

This term is devoted to a consideration of the practice of social case work in the medical setting.

First term *Professor Tuck*

23b. MEDICAL SOCIAL WORK. Second Year (Half course). A continuation of Course 23a above.

This term is devoted to a consideration of the organization of hospital social service departments; social implications of various administrative services within the hospital; participation of the medical social worker in medical and nursing education; function of the medical social worker in extramural programmes for health and medical care; growth and development of medical social work.

Second term *Professor Tuck*

24. NUTRITION AND COST OF LIVING. Second Year (Half course). Elements of nutrition. Essentials of an adequate diet with special reference to the properties of the commoner food materials and their cost. Some consideration of cost of living standards at the health and decency level.

25. LEGAL ASPECTS OF SOCIAL WORK. Second Year (Half course). The essential principles of law and their relation to problems encountered by social workers in the performance of their duties.

First term

26. PUBLIC RELATIONS. Second Year (Half course). A study of the interpretation of social work to the public. Publicity; methods and media. The role of the volunteer. Students participate in preparation of material for newspaper publication, radio, reports, etc.

First term

27. HISTORY OF SOCIAL WORK. Second Year (Half course). Social work seen in perspective through a study of charity, law, the industrial revolution, and subsequent nineteenth century social movements. Persons and processes active in the antecedents, origins, and development of social work are observed in relation to the social history and thought of their respective periods.

Professor Moore

28. SOCIAL RESEARCH METHODS I. First Year (Half course). An introduction to the fundamental principles of research in the field of social work and allied social investigation.

Second term *Professor Younge*

29. SOCIAL RESEARCH METHODS II. Second Year (Half course). Elementary statistical methods as applied to social problems. The assembly of materials, selected statistical techniques, and presentation of descriptive tables and simple graphs. The interpretation of census and other official

statistics relating to family living, vital statistics, and dependency problems in Canada.

First term

Professor Younge

30. RESEARCH SEMINAR. Second Year (Half course). Individual and group conferences dealing with student theses.

Second term

Professor Younge

31. SEMINAR IN SOCIAL WORK. Second Year (Half course). A discussion course presenting typical problems encountered in various fields of social work.

To be arranged.

Members of the Staff

32. INTRODUCTION TO SUPERVISION (Half course). A discussion of basic concepts implicit in supervision as an administrative and teaching process. Open to students who are having or who have had experience as supervisors.

Professor Christie

33. SEMINAR IN SUPERVISION (Half course). An advanced course. Supervised practice may be arranged concurrently.

Prerequisite: Course 32 or substantial supervisory experience.

Professor Christie

FACULTY OF GRADUATE STUDIES AND RESEARCH

Related courses in the Faculty of Graduate Studies and Research may be used, with permission, to meet the special interests of students possessing the necessary prerequisites.

EXTENSION COURSES

1953-54

Extension courses will be offered at times convenient to employed persons.

Announcements will be made through the Department of University Extension after September 1st, 1953.

McGill University

Montreal

School of Physical and Occupational Therapy

Beatty Memorial Hall

1953-1954

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. For limited distribution)

The Calendar (available for distribution only to libraries and officials of certain institutions.)

School of Physical and Occupational Therapy

The School of Physical and Occupational Therapy is under the administrative jurisdiction of the Faculty of Medicine.

ADMINISTRATIVE OFFICERS

F. Cyril James, Chevalier de la Légion d'Honneur, Ph.D., D.Sc., D. de L'U., D.C.L., LL.D., F.R.S.C. *Principal*

G. Lyman Duff, M.A., M.D., Ph.D., F.R.C.P.(C.), F.R.S.C. *Dean of the Faculty of Medicine*

Guy H. Fisk, B.A., M.D., C.M., D.T.M. & H. (Eng.) *Director of the School*

Helen M. Nicholson *Assistant Director*

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., F.C.I.S., R.I.A. *Bursar*

T. H. Matthews, M.A., LL.D. *Registrar*

A complete list of the teaching staff of the University, including the School of Physical and Occupational Therapy, is printed as a separate announcement, which may be obtained from the Registrar's Office.

SCHOOL OF PHYSICAL AND OCCUPATIONAL THERAPY OFFICE

BEATTY MEMORIAL HALL

1266 Pine Avenue West,

Montreal 2

Telephone — MA 9181

GENERAL INFORMATION

The aim of the course in Physical and Occupational Therapy is to provide a supply of adequately trained graduates who will be qualified to work as Physical and Occupational Therapists in hospitals, institutions, and private homes.

Physical Therapy is the use of heat, light, water, electricity, and mechanical agents, including massage and remedial gymnastics, in the treatment of injury and disease. Occupational Therapy is the specific application of activities in the treatment of injury or disease. The media used include arts, crafts, recreation, pre-vocational, and rehabilitation training. Physical and Occupational Therapists are trained in the use of these healing agents under the direction of a physician, such treatments being prescribed by the physician and carried out according to prescription. There is a steadily growing demand for qualified Physical and Occupational Therapists in both civilian life and the armed services. In the armed forces Physical and Occupational Sisters are given the same rank and commission as nurses. In civilian life they work in hospitals, industries, clinics, and in private homes under the direction of doctors.

The full curriculum consists of four academic years at the University (the last three of which are taken in the School). Throughout the professional course, ample provision has been made for practical hospital instruction in addition to the University training. This hospital training is carried out at the Children's Memorial Hospital, the Montreal General Hospital, the Royal Victoria Hospital, the Verdun Protestant Hospital, the Queen Mary Veterans Hospital, and the Royal Edward Laurentian Hospital, in the wards and departments of Physical Medicine.

Upon satisfactory completion of the entire course, a Diploma in Physical and Occupational Therapy is granted by the University.

Graduates of the School are accepted for registration by the Canadian Physiotherapy Association and the Canadian Association of Occupational Therapy. Graduates of the School are accepted in the United States, England, and Scotland, upon completion of local registration requirements.

The course in Physical and Occupational Therapy in McGill University was established in 1943 as the School of Physiotherapy under the Faculty of Medicine. In 1949 a course in Occupational Therapy was combined with the course in Physical Therapy, in order to meet the demand for graduates trained in both techniques. This demand has arisen as a result of the development of rehabilitation of the patient as a whole. The course has continued under the Faculty of Medicine at McGill University, in order to provide a close liaison between the trained Physical and Occupational Therapists and the physicians and surgeons under whose guidance they will be working.

ADMISSION

Women students only are admitted to the course.

ACADEMIC REQUIREMENTS

Senior Matriculation or one year of college work is required for entrance to the three-year professional course. Candidates for admission must submit certificates to show that they have completed one or the other with adequate marks. The examinations passed must include Senior Matriculation Chemistry or an equivalent course in a Faculty of Arts and Science of an accredited college or university.

Candidates wishing to know whether they have the academic qualifications for admission to the course should send complete details of their school and college work to:

Professor Guy H. Fisk,
Director, McGill School of Physical and Occupational Therapy,
Room 41, 1266 Pine Avenue West,
Montreal 2.

PHYSICAL REQUIREMENTS

Candidates, in order to qualify for admission, must satisfactorily pass a complete physical examination.

REGISTRATION

Registration will take place on Monday, September 28th and on Tuesday, September 29th in the Registrar's Office.

FEES

The fees are $325.00 per annum. In addition, students pay $15.00 for the support of the student organizations. Fees are due and payable at the Accounting Office during the hours of 9 a.m. to 4 p.m., on Registration Days. If desired, fees may be remitted by mail on or before the due dates. They may be paid in two instalments, in which case there is a charge of $5.00. The second instalment is due on or before January 15th. When fees are paid in two instalments, half the total fee is payable with each instalment.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the following paragraph:

Immediately after the prescribed dates for the payment of fees the Chief Accountant will send to the Director of the School a list of the registered students who have not paid their fees. The Director will thereupon

suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

Supplemental examination fees are $10.00 for each paper.

Penalty for late payment of fees.....$2.00

Late registration fee.....$5.00

PRIZES

The Lieutenant Governor's Silver Medal is awarded to the student with the highest standing throughout the course.

The Canadian Physiotherapy Association presents a Book Prize annually to the student with the highest standing in the Final Year.

The Dr. F. G. Finley Book Prize is presented annually to the student with the highest standing in the First Year.

SCHOLARSHIPS ANNOUNCEMENT

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

EXAMINATIONS

The pass mark in any course will be 50%.

At the conclusion of each course examinations will be held and the student graded as follows:

1st class	—	80 – 100
2nd class	—	65 – 79
3rd class	—	50 – 64
Failure	—	Below 50

In reporting the grading, the names of those students who obtain 1st class standing will be arranged in order of merit. In all other grades the arrangement will be alphabetical.

The quality of the English used by a candidate will be taken into account in all examinations.

All results of the examination will be released by the Director's Office after due consideration by the Faculty. No examination results shall be communicated by any other channel.

Upon payment of a fee of $10.00 to the Accounting Office, a student may apply in writing to the Director to have an examination paper re-read. This must be done not more than 30 days after the examination results are published.

A student who fails in one or two subjects will be required to pass supplemental examinations during the following September. Written application to write a supplemental examination must be received at the Director's Office by August 15th. A fee of $10.00 for each supplemental paper is payable to the Accounting Office as soon as the application has been approved.

All conditions must be removed by the end of January in each session, when additional supplemental examinations will be held. Failure in any of these will require the student to revert to the previous year, and to repeat the course of the second term.

A student who fails in more than two full courses; one full and two half courses; or three half courses, may at the discretion of the Committee of the School of Physical and Occupational Therapy, with the concurrence of the Promotion Committee of the Faculty of Medicine, be required to withdraw from the School.

A student who has been permitted to repeat a year is required to make at least a 3rd class standing. If this standing is not attained the student will not be permitted to continue the course.

No year may be repeated more than once, nor may a student repeat a subsequent year. By special recommendation of the Committee of the School of Physical and Occupational Therapy, with the concurrence of the Promotion Committee of the Faculty of Medicine, a student may be permitted to carry one condition. If the student fails to remove this condition by the end of the session she will revert to the previous year.

A student, who for reasons of illness or family affliction, has been unable to write one or more sessional examinations, may receive permission to write September supplementals in their stead. Application to do so must be made to the Director before August 15th, but no fee will be charged.

The Faculty reserves the right to require the withdrawal of any student at any time if in the opinion of her instructors she is incompetent.

COURSES OF INSTRUCTION

PREPARATORY YEAR

Before a student is admitted to the School she must complete a year either in the Faculty of Arts and Science of a university or at senior matriculation level in a high school. During this first year the student must follow a course in General Chemistry.

FIRST YEAR

CLINICAL THERAPEUTICS 1 — *Professor Fisk*

Elementary consideration of disease processes commonly seen in patients treated by physical and occupational therapists.

Lectures.....30 hours

A I—MASSAGE — *Miss E. P. Aston*

A course including the physiological effects of massage and the theoretical and practical application to the medical and surgical conditions for which it is suitable.

Lectures and laboratory ..... 120 hours

B I—MEDICAL GYMNASTICS — *Miss S. S. Riddel*

A theoretical and practical course designed to give the student an understanding of normal body mechanics, the deviations from the normal in the more common pathological conditions and the prevention and correction of these by specific remedial exercises.

Lectures and laboratory ..... 90 hours

C I—ELECTROTHERAPY — *Miss Nicholson*

A theoretical and practical course in the physical principles and details of techniques applicable to direct and low frequency currents for therapeutic purposes. A brief introduction is given to the uses of high frequency currents.

Lectures and laboratory ..... 60 hours

A I—THEORY OF OCCUPATIONAL THERAPY — *Mrs. J. M. Conway*

History, development, and scope of occupational therapy. Study of theory and techniques used in the fields of psychiatry, paediatrics, and medecine.

Lectures ..... 30 hours

B I—THERAPEUTIC TECHNIQUES — *Mrs. J. M. Conway*
Miss Dawn Murray

Detailed instruction in a variety of therapeutic occupations chosen for their adaptability as treatment media. The general application of each technique is studied.

Weaving: rigid heddle, table, and floor looms, card weaving.

Leatherwork: construction of projects including tooling, embossing, staining, and lacing.

Needlework: includes embroidery, needleweaving, and basic sewing techniques.

Cordwork: knotting, netting, and plaiting.

Rugwork: hooked, knotted, braided, and woven.

Laboratory ..... 180 hours

ANATOMY I—The Anatomy of the Axial Skeleton and of the Upper and Lower Extremity — *Professor C. P. Martin and Staff*

A course designed to familiarize the student with the basic framework of the head, neck, and trunk, and the detailed anatomy of the arm and leg.

Lectures and laboratory . . . . . 150 hours

PHYSICS 12 — *Professor K. L. S. Gunn and others*

A general course covering the elementary portions of mechanics, heat, magnetism, electricity, light, sound, and atomic physics.

Lectures and laboratory . . . . . 150 hours

PSYCHIATRY — *Dr. Carlo Bos*

A course in psychiatry, with introductory lectures in normal psychology as a basis for the study of psychiatric disorders treated by physical and occupational therapists.

Lectures . . . . . 30 hours

FUNDAMENTAL AND RHYTHMIC GYMNASTICS — *Miss Gladys Bean*

This course is designed to help students gain knowledge and practice in choosing and presenting activities to different age levels, and in organizing and conducting groups of children and adults.

Lectures . . . . . 30 hours

HOSPITAL AND HOME NURSING — *Miss Elizabeth Chalmers*

An introductory course designed to provide insight into the basic principles underlying ward management and patient care; simple procedures essential to safety and comfort of patient in hospital or home situations.

Lectures and laboratory . . . . . 15 hours

SECOND YEAR

CLINICAL THERAPEUTICS 2 — *Professor Fisk and Staff*

A detailed consideration of the diseases and injuries requiring treatment with physical and occupational therapy. The application of treatment to specific symptoms will be dealt with in detail. Specialists in various branches of medicine and surgery will give lectures in their specialty.

Lectures . . . . . 60 hours

A 2—MASSAGE—THEORY AND TREATMENTS *Miss Nicholson*

A theoretical and practical course in the treatment, where applicable, by physical means, of diseases of the respiratory, cardio-vascular, abdominal, and skeletal systems. This course is correlated with the special lectures in clinical therapy and medical gymnastics.

Lectures and laboratory ..... 90 hours

B 2—MEDICAL GYMNASTICS *Miss E. P. Aston*

A course including advanced kinesiology and its application to medical and surgical conditions with progressions from the bed patient to total rehabilitation. This course also includes hydrotherapy, progressive resistant exercises, and suspension exercises.

Lectures and laboratory ..... 60 hours

C 2—ELECTROTHERAPY *Miss S. S. Riddel*

A course in the theory and application of ultra violet radiations and diathermy (high frequency) treatments, with detailed study of the apparatus concerned. Practical work also includes advanced methods of applying the low frequency currents, commenced in the previous year.

Lectures and laboratory ..... 60 hours

A 2—THEORY OF OCCUPATIONAL THERAPY *Miss Dawn Murray*

The study of the basic principles of occupational therapy used in the treatment of physical disabilities with specific application to medical, surgical, orthopaedic, and neurological conditions. Instruction is given in the methods used in the total rehabilitation of the patient.

Lectures ..... 30 hours

B 2—THERAPEUTIC TECHNIQUES *Mrs. J. M. Conway*

Woodwork: use and maintenance of hand tools and power machinery, and wood finishing.

Metalwork and Jewellery Making: experience with various types of metal with both hand tools and power machinery.

Children's Work: training in a variety of minor arts and crafts adaptable to children.

Glovemaking.

Recreation: study of individual, group, and remedial games.

This course includes the application of the above techniques to specific disabilities.

Laboratory ..... 120 hours

ANATOMY 2—SYSTEMATIC ANATOMY *Professor C. P. Martin and Staff*

Lectures and demonstrations designed to provide a knowledge of the anatomical structure of the vital organs by systems.

Lectures and laboratory.....120 hours

PHYSICS 26—THE PHYSICS OF PHYSIOTHERAPY *Professor Anna I. McPherson*

A short course dealing particularly with the physics underlying the theory and use of physiotherapeutic apparatus.

Lectures.....30 hours

PHYSIOLOGY 21—HUMAN BIOLOGY *Professors C. P. Martin, D. L. Thomson, and F. C. MacIntosh*

A concise account of the structure and functions of the human body, given jointly by the Departments of Anatomy, Biochemistry, and Physiology.

Lectures.....90 hours

HOSPITAL PRACTICE

This consists of treatment of patients in the clinics and wards under direct supervision. The work is carried out in the Children's Memorial, Montreal General, Royal Victoria, Verdun Protestant and Queen Mary Veterans Hospitals. These hospitals provide every type of case that the practising physical and occupational therapist will be likely to encounter.

Practical work.....300 hours

THIRD YEAR

This year is essentially a hospital year with the students spending 660 hours in hospital practice. The time is divided among the Montreal General Hospital, the Royal Victoria Hospital, the Children's Memorial Hospital, the Royal Edward Laurentian Hospital, the Verdun Protestant Hospital, and the Queen Mary Veterans Hospital.

CLINICAL THERAPEUTICS 3 *Professor Fisk*

Review of the more important conditions treated by physical and occupational therapy.

Clinics.....30 hours

A 3—MASSAGE AND MEDICAL GYMNASTICS—THEORY AND TREATMENTS

Miss Nicholson
Miss S. S. Riddel

Detailed instruction in the physical treatment of neurological, obstetrical, gynaecological, advanced orthopaedic, and chest conditions.

Lectures and laboratory.....104 hours

B 3—ELECTROTHERAPY *Miss Nicholson*

A course in electrotherapy including the advanced application of direct and combined currents and ultra violet radiations.

Lectures and laboratory.....30 hours

A 3—THEORY OF OCCUPATIONAL THERAPY *Mrs. J. M. Conway*

A study is made of the application of occupational therapy to further conditions, blindness, burns, contractures, and geriatrics. Instruction is given in craft analysis and adaptations; detailed application of crafts and job testing. The student is instructed in department management, records, and book-keeping.

Lectures.....45 hours

B 3—THERAPEUTIC TECHNIQUES *Mrs. J. M. Conway*
Miss Dawn Murray

Pottery: experience in slab, coil, modelling, throwing, glazing, and firing.

Bookbinding: instruction in book construction and repair.

Advanced Weaving: review and further study of pattern analysis and loom adaptations.

Art, lettering, chair seating, music therapy.

This course includes the application of the above techniques to specific disabilities.

Laboratory.....90 hours

McGill University

Montreal

Department of University Extension

Evening Courses **1953-1954**

McGill University

Montreal

Department of University Extension

Evening Courses 1953-1954

FOREWORD

The Evening Course Program of the Department of University Extension is designed to meet your continuing educational needs and interests. It enables you to "learn while you earn."

Nearly all of our evening courses are at university level; a few are of graduate standard. An examination will be set at the end of the majority of the courses and certificates will be awarded to successful candidates.

May I, on behalf of the University Extension Committee, invite your enquiries and welcome you to our classes for the 1953-54 Session.

F. S. Howes, Ph.D., P.Eng.,

Director of University Extension.

TABLE OF CONTENTS

	Page
Accounting	3909
Accounting, School of Commerce	3953
Art	3907
Chemistry	3909
Economics and Political Science	3910
Engineering	3911
Flowers	3919
Folk Dancing	3909
History	3919
Industry	3920
Journalism	3926
Languages	3930
Law	3945
Literature	3944
Management: Certificate Course	3925
Mathematics	3946
Medical	3947
Music	3948
Pharmaceutical Science	3948
Philosophy	3949
Psychiatry	3951
Psychology	3950
Sociology	3951
Taxation (Income)	3951
Transportation	3952

GENERAL INFORMATION

REGISTRATION.—You may register by mail, starting September 8th.

Please use the enclosed card, fill in all four sections, and mail it NOW, with your cheque or money order (payable to McGill University), to the Extension Office.

ALL of the information asked for on the card—your address, telephone numbers, employer, educational background, etc.—is important to us in conducting the program and in planning for future courses. We would appreciate your cooperation.

Although registration by mail is advisable, students may register at the University during the day or evening, as follows:

Day Registration: *Third Floor*, Dawson Hall (East Wing, Arts Building), 9 a.m. to 4 p.m., Monday to Friday inclusive, September 21st to October 19th.

Evening Registration: *Ground Floor* (Registrar's Office), Dawson Hall, 6:30 to 8:30 p.m., Mondays and Wednesdays only, September 21st to October 19th.

LIMITED CLASSES.—In some of the courses as, for example, language classes, in which the progress of the student is dependent on his participation and the individual attention of the instructor, the size of the class is limited. In such cases, enrolment is on a "first come, first served" basis. It is advisable, therefore, to register early.

FEES.—The fee as indicated for each course is payable in advance, at time of registration. If, after the first lecture, you find that the course seems unlikely to meet your needs, a refund of the whole fee may be obtained by presenting your Student card, first at the Extension office, for recording purposes, and then at the Cashier's office on the third floor. The Cashier's office is open from 9 a.m. to 4 p.m. *No refunds will be made after the date of the second lecture in the course.* If refund by mail is desired, the Student card must reach the Extension office *before the second lecture* and three weeks be allowed by the student for receipt of refund cheque.

CANCELLATION OF COURSES.—The student fee charged for these evening courses is essentially what it costs to put them on, assuming a certain minimum registration. If the registration in a course is less than the required minimum, the Committee reserves the right to cancel the course and refund fees.

If you are particularly anxious to take a course, may we suggest that you seek to interest your friends in it in order to ensure that at least this minimum registration is obtained.

EXAMINATIONS.—An examination, optional to students, will be available in the majority of courses. A certificate will be supplied to successful candidates. The pass mark is 50 per cent unless otherwise indicated.

TEXT BOOKS.—All required text books and some of the suggested reference texts may be purchased at The McGill University Book Store, 3480 University Street.

The store is open, Monday to Friday, from 8:30 a.m. to 5 p.m., and on Saturday from 9 a.m. to noon. During the period October 5th to 21st inclusive it will be open, Monday to Friday, from 8:30 a.m. to 8 p.m.

LOCATION OF EXTENSION OFFICE.—The Extension Office may be reached via the main entrance to the Arts Building and thence to Dawson Hall, which comprises the entire East Wing of the Arts Building; or by using the outside entrance to Dawson Hall. The office is in Room 450, on the fourth floor.

TELEPHONE

MA 9181, Local 304

DESCRIPTION OF COURSES

ART

DRAWING AND PAINTING, ELEMENTARY (non-professional). Professor Guy Viau. Fee $25.00 per term of 10 periods of 2 hours. Classes limited. Applicants must indicate clearly, when registering, the class they wish to take. Studio: 3450 Drummond Street.

Neither talent nor previous experience is required for these classes which are intended for adults. Experience will be acquired in drawing and painting from models and from imagination, using a variety of materials. The course is not one of formal instruction; therefore each person is encouraged to approach the artistic problem with the degree of insight he has and develop this as far as he is able. All materials are supplied except brushes.

A1-1. First term, Mondays, 8 p.m., beginning October 5th.

A1-2. First term, Wednesdays, 8 p.m., beginning October 7th.

A1-3. Second term, Mondays, 8 p.m., beginning January 18th.

A1-4. Second term Wednesdays, 8 p.m., beginning January 20th.

DRAWING AND PAINTING, INTERMEDIATE (non-professional). Professor Guy Viau. Fee $25.00 per term of 10 periods of 2 hours. Classes limited. Studio: 3450 Drummond Street.

This course is similar to the elementary course and is a continuation of it. Applicants must have had some introductory non-professional instruction, at McGill or elsewhere. All materials will be supplied with the exception of brushes.

A1-5. First term, Thursdays, 8 p.m., beginning October 8th.

A1-6. Second term, Thursdays, 8 p.m., beginning January 21st.

A1-7. HISTORY AND APPRECIATION OF ART. (In co-operation with the Montreal Museum of Fine Arts.) Professor Arthur Lismer. 10 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 8th. The Art Centre of the Montreal Museum of Fine Arts, 3430 Ontario Ave. Fee $13.00.

This is a survey course covering the important periods in the story of art from prehistoric times to the present day. The successive changes in style, techniques, and influences that motivated painting and the arts of industry will be presented as an unfolding manifestation of the creative spirit of man. The lectures will be illustrated by reproductions, slides and films.

A1-8. MUSIC AND ART IN EUROPE, 1500-1750. Mme. Celia Bizony and Mr. John Steegman. 12 lectures of 1½ hours, Mondays at 8 p.m., beginning October 5th. Divinity Hall, 3520 University Street. Fee $18.00. Special leaflet on request.

Madame Bizony and Mr. Steegman will discuss respectively the main currents of music and art in Italy and Northern Europe, France, Spain and England during the period from the humanism of the High Renaissance to the end of the Baroque. The course will be illustrated with records and slides.

INTERIOR DECORATION. Elizabeth McCulloch. Fee $15.00 per term of 10 lectures of 1½ hours. Physical Sciences Centre, 3450 University Street. The two series will be considered as one course if the student registers for both at the same time; in this case the fee will be $24.00 and the regulations for single courses will apply.

The key to good decorating is the personal approach to your home, as a background to your own comfort, pleasure and convenience. These two series of lectures will provide not only the basic principles of home decoration, but also show concrete examples and illustrations whenever possible.

A1-9. INTERIOR DECORATION I. Mondays at 8:15 p.m., beginning October 5th.

Syllabus: The personal approach to decorating your home; your colour scheme and how to choose it; treatment of walls, floors, ceilings; furniture —period styles now in use; contemporary furniture; adaptations of antiques and second-hands to contemporary life; refinishing and decorating techniques; lighting, direct and indirect; lamps and lampshades—designs, styles and proper proportions.

A1-10. INTERIOR DECORATION II. Mondays at 8:15 p.m., beginning January 18th.

Syllabus: Review of colour schemes; fabrics—variety of textures; curtains and draperies; bedspreads, slipcovers and upholstery. The touch of originality—exploitation of hobbies and special interests as good decorating; pictures and picture framing; accessories and their importance; modern trends, latest influences.

ACCOUNTING (See also page 3953.)

A2-1. PRINCIPLES OF ACCOUNTING AND COST DETERMINATION. Professor Kenneth F. Byrd. 20 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $30.00.

Syllabus: The meaning of accounting and its essential functions and scope; the relation of accounting to other fields, with particular reference to economics. The financial picture of business enterprises as revealed by the accountant. Methods of financing capital requirements. Principles of cost accounting and its relation to general accounting; consideration of the elements of cost, materials, labour and overhead expenses, and their control; essential principles of standard costing and budgetary control. *Text*: R. L. Boyd and R. T. Dickey, *Basic Accounting* (Rinehart).

CHEMISTRY

B1-1. THE CHEMISTRY OF DAILY LIFE. Professor W. H. Hatcher. 20 lectures of 1½ hours, Wednesdays at 8 p.m., beginning October 7th. Chemistry Building. Fee $24.00.

This course is intended for those who wish to gain an insight into the importance of chemistry. No previous knowledge of the subject is required. Demonstrations take the place of formal laboratory operations. Major branches of chemistry discussed are Inorganic, Organic, and Food. *Text:* Hatcher, *An Introduction to Chemical Science*, 2nd ed. (Wiley).

B1-2. THE CHEMICAL ELEMENTS. Professor R. K. Holcomb. 10 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 6th. Chemistry Building. Fee $20.00.

A description will be given of the Periodic System of the Elements, including the occurrence and discovery of the Elements together with the physical and chemical properties of the Elements and their principal compounds. A review will be made of the mechanical, thermal and electrical properties of the Elements and the nature of the more important compounds of the Elements based upon the Periodic Law.

FOLK DANCING

D1-1. FOLK DANCING. Professor Winona E. Wood. 10 periods of 1½ hours, Mondays at 8 p.m., beginning October 5th.

Class limited. Fee $15.00.

This course is designed for those who like to dance. Country dances of European and American origin will be taught. Although the recreational aspect will be stressed, those wishing to acquire new dances for teaching purposes will find that this course meets their needs.

ECONOMICS AND POLITICAL SCIENCE

E1-1. GENERAL ECONOMICS. Professor E. F. Beach. 20 lectures of 2 hours, Thursdays at 6 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $30.00.

This course presents the purpose and content of a study of economics; determination of income levels; business cycles, fiscal policy, consumption, production, monopoly and competition, international trade. The second half of each period will be devoted to discussion. *Text:* Samuelson, *Economics* (McGraw-Hill). For Accountancy students the pass mark in this course is 60 percent.

E1-2. MONEY, BANKING, AND BUSINESS CYCLES. Professor J. C. Weldon. 20 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $30.00.

The subjects dealt with in the course are these: nature of money; typical commercial banking; typical central banking; monetary policy; nature of cycles in trade; fiscal policy; determination of foreign exchange rates; international monetary institutions; markets for money in the U.K., the U.S., and in Canada; and current monetary problems. *Text:* A. G. Hart, *Money, Debt, and Economic Activity* (Prentice-Hall).

E1-3. CANADIAN ECONOMIC DEVELOPMENT. Mr. J. H. Dales. 10 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $20.00.

This course presents an historical account designed to promote an understanding of perennial problems faced by the Canadian economy. It deals with the early exploitation by Europeans; the growth of trade, settlement and agriculture; the development of transportation facilities and of the twentieth century manufacturing and mining industries. Attention is given to the economics of transportation, the location of industry, and population problems. Throughout the course the relationship between economic change and political trends is developed. *Text*: A. W. Currie, *Canadian Economic Development* (Macmillan); *reference*, A. W. Currie, *Economic Geography of Canada* (Macmillan).

E1-4. THE STATE IN ECONOMIC LIFE. Lecturer to be announced. 10 lectures of 2 hours, Tuesdays, beginning in January.

E1-5. BUSINESS STATISTICS. Professor E. F. Beach. 20 lectures of 1½ hours, Wednesdays at 6 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $24.00. *Prerequisite:* High School algebra.

Syllabus: Presentation of data in tabular and graphic form; rates, ratios and percentages; arithmetic and semi-logarithmic line diagrams, comparison of percentages of growth, interpolation and extrapolation, comparison of amplitudes of fluctuations; frequency distributions; averages, their characteristics and uses; measures of dispersion; time series, trend, cycles, seasonal variation; adjustment for seasonal movements; adjustment for trend; simple correlation; index numbers, construction and use, some current indexes; some application of statistics to sales and market analysis, production control. *Text*: Croxton and Cowden, *Practical Business Statistics* (Prentice-Hall).

E1-6. THE ECONOMICS OF ENGINEERING PRACTICE. Professor D. F. Coates. 10 lectures of 2 hours, Wednesdays at 8 p.m., beginning in January. Physical Sciences Centre, 3450 University Street. Fee $20.00.

This course deals with the engineer's methodology in handling the economic problems of designing and financing engineering projects and industrial plant. The principal tools of the subject are the theory of the time value of money, the break-even point chart and the marginal cost and revenue analysis. Replacing equipment, comparing annual costs and rates of return, providing for future requirements, government projects and the influence of interest rates and income tax are some of the problems considered. *Text:* E. L. Grant, *Principles of Engineering Economy* (Ronald).

ENGINEERING COURSES — UNDERGRADUATE LEVEL

While no engineering courses at the undergraduate level leading to credit towards a Bachelor of Engineering degree are offered in the Extension Department, courses will be offered from time to time which will be of assistance to students who wish to enter the Corporation of Professional Engineers of Quebec by examination. These courses will be in the "Fundamentals of Engineering" and in the more advanced "Branch of Engineering."

In order to understand the courses in the Fundamentals of Engineering, the student must have completed the Corporation examinations in the prerequisite subjects, or the equivalent. Similarly for the courses in Branch of Engineering (Civil, Electrical or Mechanical Engineering), the student must have completed the Corporation examinations in the Fundamentals of Engineering, or the equivalent.

All students wishing to be eligible to write the C.P.E.Q. examinations in May must have been registered with the Corporation for at least four months. C.P.E.Q. registration forms may be obtained from the Extension Office.

The following courses may be helpful to C.P.E.Q. students: Nos. E2-1, E2-2, E3-1, M1-1 and M1-2.

E2-1. MECHANICS II. Professors S. A. Neilson and Carleton Craig. 20 lectures of 2 hours, Thursdays at 8 p.m., beginning October 8th. Fee $30.00. *Prerequisite:* Mechanics I or equivalent.

Syllabus: Bending moments and shearing forces, and diagrams; forces in frameworks containing multiple-force members; relative velocities; linear motion with varying acceleration; plane curvilinear motion; simple harmonic motion, with application to oscillation of simple pendulums and helical springs; moments of inertia of masses and of areas; elementary rigid dynamics, including plane translation and rotation of rigid bodies, rolling and slipping on plane surfaces, compound pendulum, angular momentum, and impact.

E2-2. HYDRAULICS. Professor V. W. G. Wilson. 15 lectures of 2 hours, Mondays at 8 p.m., beginning October 5th. Engineering Building. Fee $24.00.

Syllabus: Properties of fluids; hydrostatics; measurement of flow with orifices, weirs and Venturi meters; Bernoulli's theorem; laminar and turbulent flow; flow in pipes and open channels; divided flow. *Text:* Russel, *Hydraulics* (Holt).

E3-1. FUNDAMENTALS OF HEATING, VENTILATING AND AIR CONDITIONING. Professor William Bruce. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Engineering Building. Fee $30.00.

Syllabus: Thermodynamic principles and properties of various media; air-vapour mixtures and the psychrometric chart; factors affecting human comfort; heat transfer and insulation, and heat losses from buildings; radiators, convectors, baseboard heating, panel heating and unit heaters; distribution systems—air, steam and hot water—fans, ducts, diffusers, piping; furnaces, boilers, fuels and combustion processes; mechanical refrigeration; air conditioning—heating, cooling, humidification and purification processes—analysis of air conditioning processes using the psychrometric chart; automatic controls. *Text:* Allen, Walker and James, *Heating and Air Conditioning* (McGraw-Hill).

OTHER COURSES IN ENGINEERING

E4-1. METALLOGRAPHY AND HEAT TREATMENT OF IRON AND STEEL. Professor Gordon Sproule. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $30.00. High School graduation preferable.

The course includes a review of the production metallurgy of iron and steel; introduction to the theory of alloys; detailed description of the heat-treatment and metallography of iron and steel. Illustrated by numerous lantern slides and laboratory demonstrations.

E4-2. INDUSTRIAL INSTRUMENTATION. Lecturers from The Instrument Society of America, Montreal Section. 20 lectures of 2 hours, Thursdays at 6 p.m., beginning October 8th. Engineering Building. Fee $30.00.

In this course, the application of basic physical and electrical principles to the measurement and control of process variables will be discussed. The first term will be devoted to methods of measuring pressure, temperature, liquid level, flow, and other physical, chemical, and electrical properties. In the second term, control theory and methods will be developed. Instrument applications and modern trends will be discussed, showing the limitations imposed by process characteristics. Time will be devoted to selection of instrumentation for specific processes.

E4-3. AERIAL PHOTOGRAPHS AND THEIR APPLICATIONS. Professor L. J. Arcand and Mr. W. B. McCoy. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Engineering Building. Fee $30.00.

Syllabus: Perspective principles, terrestrial photogrammetry, iconometry, parallax and stereoscopy, surveying cameras, stereo-comparison, measurement of angles from obliques, control methods, radial-line triangulation, rectification means, principles of stereoscopic plotting instruments.

E4-4. LIGHTING FUNDAMENTALS AND DESIGN. Mr. L. R. McCowan. 10 lectures of 2 hours, Tuesdays at 8 p.m., beginning in January. Engineering Building. Fee $20.00.

Syllabus: Incandescent light sources; fluorescent light sources; mercury and germicidal light sources; quantity and quality of light; lighting systems—fixture evaluation; lighting design; school and office lighting; store lighting; industrial lighting; flood lighting and sports lighting.

E4-5. ELEMENTARY PRACTICAL ELECTRONICS. Mr. H. A. Hamilton. 20 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 6th. Engineering Building. Fee $30.00.

This course is intended to explain in simple terms the operation of vacuum tube circuits, as well as the fundamentals of the operation of radio and television receivers, radar, simple computers and some simple electronic instruments. The emphasis is on practical applications. No knowledge of advanced mathematics is required. *Syllabus:* Fundamentals of electric circuits; basic theory of the operation of vacuum tubes, and its application to simple electronic circuits as, e.g., amplifiers, oscillators and power supplies.

E4-6. APPLIED ACOUSTICS. Professor F. S. Howes. 20 lectures of 2 hours, Mondays at 8 p.m., beginning October 5th. Engineering Building. Fee $30.00.

The problem of noise reduction in industrial plants and buildings has now begun to receive the attention it deserves because of some recent Court decisions in the United States favourable toward workers with partial loss of hearing. At the same time, architects are finding that their clientele demand quieter living and working conditions. This course will present details of techniques and materials for noise reduction and methods for measuring a wide variety of noises.

Topics: Basic terminology and concepts; measurement of noise; psychological aspects; room acoustics theory; noise reduction in rooms; transmission of sound through structures; characteristics of noise sources; materials and structures for noise reduction; mufflers and vibration isolators; machinery and ventilation—system quieting. *Text:* Kinsler and Frey, *Engineering Acoustics* (Wiley).

E4-7. CHEMICAL ENGINEERING UNIT OPERATIONS. Professor J. B. Phillips. 20 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $30.00. *Prerequisite:* High School graduation.

This course is designed exclusively for non-chemical engineers in industry who need some knowledge of chemical engineering. *It is not intended for chemical engineers.* Basic principles of certain common unit operations will be explained and will be developed to show the derivation of relations used in design and specification. Elementary mathematics and physics (heat and fluids) are essential; chemical data will be reviewed. The course will be illustrated throughout by practical problems. *Syllabus:* Flow of gases and liquids; measurement of flow. Heat transfer; conduction, convection, radiation, evaporation. Distillation; simple distillation, rectification of mixtures. Gas absorption; applications of diffusion principles in gas-liquid systems. The syllabus may be amended to meet the particular needs of the class.

ENGINEERING COURSES — GRADUATE LEVEL

Graduate engineers engaged in research, design and development work in Electrical and Mechanical Engineering require more advanced training than can be included in undergraduate courses. In particular, there are many special phases of communication engineering which require, for their mastery, such advanced training.

Graduate evening courses in Communication Engineering, sponsored by the Department of Electrical Engineering and administered by the Extension Department, have been given at McGill University since 1942, and in Ottawa at Carleton College since 1946. Graduate courses are also being offered in Electric Power Engineering and in Mechanical Engineering. In addition to providing advanced training, these courses also offer the opportunity for graduates to complete the course requirement for the Master of Engineering degree while gainfully employed. Where graduate course credit is desired, the pass mark is 65 percent. For further particulars, see the Announcement of the Faculty of Graduate Studies and Research.

ELECTRICAL ENGINEERING

E5-1. NETWORK ANALYSIS. Professor T. J. F. Pavlasek. 20 lectures of 2 hours, Thursdays at 6 p.m., beginning October 8th. Engineering Building. Fee $35.00.

Syllabus: General, steady-state analysis of linear passive networks; network theorems; matrix methods; polyphase systems and symmetrical components; two-terminal and quadripole networks as functions of frequency; analysis of filters and design of basic configurations; the active quadripole, linear amplifiers and feedback amplifiers. *Text:* Lepage and Seely, *General Network Analysis* (McGraw-Hill).

E5-2. TRANSISTOR ELECTRONICS. Mr. G. W. Farnell. 20 lectures of 2 hours, Mondays at 8 p.m., beginning October 5th. Engineering Building. Fee $35.00.

This course will provide an introduction to the use of the transistor in communication circuits. The topics to be covered include: conduction in semiconductors; principles of operation of junction and point-contact transistors; terminal characteristics; small signal operation, equivalent circuits, application of duality; large signal operation, switching circuits; special considerations in the design of transistor circuits.

E5-3. MICROWAVE THEORY AND TECHNIQUES. Professor R. A. Chipman. 20 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 6th. Engineering Building. Fee $35.00.

Syllabus: Survey of r.f. transmission practice. Review of 'telegraph equation' theory of transmission lines. Transmission-line sections as circuit elements. Impedance-measurement methods using transmission lines. Electro-magnetic theory of co-axial lines and of circular and rectangular wave-guides. Microwave transmission techniques. Calculations of wave-guide attenuation. Theory and uses of resonant cavities, T-junctions, directional couplers, wave-guide lens antennas, and other microwave circuit components. Elementary theory, operating characteristics and applications of magnetrons, klystrons, travelling-wave tubes and other devices used for generation and detection of microwave power and signals.

E5-4. TELEPHONE TRANSMISSION THEORY. Mr. E. S. Kelsey. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Engineering Building. Fee $35.00.

Syllabus: Theory of wave propagation over smooth lines, loaded cables and waveguides. Transmission losses and their calculation. Voice frequency, carrier frequency and radio frequency transmission systems. Noise and crosstalk theory. The four-terminal network and its transmission parameters. Filter and equalizer theory and applications to telephone transmission systems. Theory and application of vogads, compandors and other non-linear devices.

E5-5. DIGITAL COMPUTERS: THEORY AND DESIGN. (Information Processing Equipment I). Mr. George Glinski. 10 lectures of 2 hours, Mondays at 8 p.m., beginning in January. Fee $20.00.

Syllabus: Introduction; information theory, symbolic logic; functional design; circuit design; storage systems; methods of numerical calculation; programming; business applications; automatization of office and factory.

E5-6. SERVOMECHANISM FUNDAMENTALS. Professor H. G. I. Watson. 20 lectures of 2 hours, Tuesdays at 7:30 p.m., beginning October 6th. Engineering Building. Fee $35.00.

The principles of analysis of automatic control systems with emphasis on the study of system behaviour and system synthesis in terms of differential equations and complex functions. Allied electrical circuit theory, with special emphasis on transfer function analysis and the study of stability criteria, will be included. *Reference:* Lauer, Lesnick and Matson, *Servomechanism Fundamentals* (McGraw-Hill).

OTTAWA COURSES (Carleton College)

E6-1. TRANSISTOR THEORY AND APPLICATIONS. Dr. J. H. Simpson. 10 lectures of 2 hours, Mondays at 8 p.m., beginning in January. Carleton College, Ottawa. Fee $20.00.

The course will commence with a brief outline of the theory of semiconductors and barrier layers. The theory of point-contact and junction rectifiers and transistors will be discussed in detail. In the application of transistors, circuits to replace those normally using conventional vacuum tubes will be analysed. The application of transistors in low and high frequency circuits, in pulsed circuits and computers, and other uses for which transistors are especially suitable will be considered.

E6-2. RADIATION THEORY. Dr. H. Gruenberg. 20 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 6th. Carleton College, Ottawa. Fee $35.00.

Lecture topics: The basic concepts and laws of electromagnetic theory. The field equations and methods for their solution. Static and dynamic fields. Wave propagation. Reflection, refraction, and diffraction of waves. Waves on transmission lines and in waveguides. Radiation and reception of waves.

E6-3. VIBRATIONS AND SOUND. Dr. G. J. Thiessen. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Carleton College, Ottawa. Fee $35.00.

Lecture topics: Fundamental theory of vibration and of sound generation. Transmission, absorption and reflection of sound waves. Transmission through conduits, coupled acoustical elements, acoustic filters and horns. Special emphasis will be placed on the application of this theory to the following topics:

Acoustical instruments and measurements. Architectural acoustics. Noise problems and control. Communication under high ambient noise conditions. Atmospheric acoustics. Physiological acoustics. Production of high intensities and ultrasonics and its applications.

E6-4. ANALOG COMPUTERS (Information Processing Equipment II). Mr. George Glinski. 10 lectures of 2 hours, Mondays at 8 p.m., beginning October 5th. Carleton College, Ottawa. Fee $20.00.

Syllabus: Introduction; analogs in physics and engineering; basic mathematical techniques; components of analog processor; typical analog processor and its applications; digital differential analyzers.

E7-1. ELECTRIC MOTOR APPLICATION AND DESIGN. Professor W. H. Schippel. 20 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 6th. Engineering Building. Fee $35.00.

Lectures will cover the application of electric motors to industry, with selection of motor type and control equipment to meet the starting and operating requirements of the load and the limitations of power supply lines and power contracts. Detail analysis will be presented for most of the standard types, with calculation of machine constants and a general outline of design to meet performance specifications. For post-graduate students there will be design assignments at the close of many of the lectures.

MECHANICAL ENGINEERING

E8-1. GAS TURBINES. Professor D. L. Mordell. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Engineering Building. Fee $35.00.

A general course on the gas turbine. *Syllabus*: Introduction; review of thermodynamics and gas dynamics needed. Gas turbine operating cycles: choice of compression ratio etc.; effects of heat exchange, intercooling and reheat. Compressors, centrifugal and axial; turbines; combustion systems; performance analysis and prediction; control and accessories.

E8-2. ADVANCED MACHINE DESIGN. Professor A. Robert Edis. 10 lectures of 2 hours, Mondays at 8 p.m., beginning October 5th. Engineering Building. Fee $20.00.

Syllabus: Problems involving three-dimensional stresses such as turbine wheel disc, shock absorber, thick cylinders under pressure and thermal stress, liquid springs, valve springs, limits and tolerances and theories of material failure and safety factors.

E8-3. NUCLEAR ENGINEERING II. Professor A. Robert Edis. 10 lectures of 2 hours, Mondays at 8 p.m., beginning in January. Engineering Building. Fee $20.00.

Syllabus: Discussion and problems on reactor engineering, heat transfer and shielding.

METALLURGICAL ENGINEERING

E9-1. ENGINEERING WELDING. Professor H. H. Yates and Professor G. Joly. 20 lectures of 2 hours, Thursdays at 8 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $35.00.

This course is intended to correlate metallurgy and design in welding. The metallurgy and design of welds made by the various welding processes will be described in some detail and the factors affecting the service of weldments pointed out. Laboratory demonstrations of the testing and stress analysis of welded structures will supplement the lectures.

FLOWERS

F1-1. GARDEN FLOWERS AND FLOWER GARDENS. Mr. Henry Teuscher, Curator, Montreal Botanical Garden. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning in January. Fee $15.00.

Syllabus: Raising plants from seeds. Summer flowering annuals: desirable varieties; arrangement for color effect; maintenance throughout summer. The origin and native habitat of garden perennials: their requirements under cultivation; the most reliable garden perennials for Montreal. Planting, transplanting and division of perennials. The arranging of perennials for color effect. The dry wall: its construction and maintenance; suitable plants. The rock garden: its construction and maintenance; suitable plants. The construction and maintenance of an inexpensive pool, without the use of concrete, for water lilies and bog plants. Summer flowering bulbs and tubers: gladioli, dahlias, tuberous begonias, cannas, etc. The principles of proper soil treatment. Soil analysis.

All except the last lecture will be illustrated by colored lantern slides and/or kodachromes. Mimeographed leaflets, supplied by the lecturer and containing an outline of the subject matter discussed, will be distributed before each lecture. Each lecture will be followed by a half-hour question-and-answer period.

HISTORY

H1-1. THE MIDDLE EAST: TOWARDS DICTATORSHIP, OR DEMOCRACY? Staff of the Institute of Islamic Studies. 10 lectures of 1½ hours, Mondays at 8 p.m., beginning October 5th. Divinity Hall, 3520 University Street. Fee $15.00.

By means of lectures, pictures, maps, questions and discussion, the lecturers in this course will attempt to analyse the political, economic, and social revolutions in full swing in this vital area.

H1-2. CURRENT EVENTS. Professor K. B. Callard. 10 lectures of 1½ hours, Thursdays at 8:15 p.m., beginning in January. Fee $15.00.

Each lecture will be devoted to a problem of current public importance, and an attempt will be made to set contemporary events in their proper historical context and perspective. Opportunity will be provided for class discussion at each lecture.

H1-3. INTRODUCTION TO THE RELIGION OF THE HINDUS. Professor W. C. Smith. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 6th. Divinity Hall, 3520 University Street. Fee $15.00.

Some of the chief attitudes and insights in the development of Indian thought and experience will be presented through an elementary historical approach and a study of a few representative personalities. The attempt will be to understand and to interpret, as well as to inform. Pre-historic Indian religion and the caste system will be discussed, as well as the Vedas, the Bhagavat Gita, and other scriptures. Other topics will be "the three ways": salvation by knowledge; by faith; by works.

H1-4. SOVIET RUSSIA: Communism in practice yesterday and today. Professor Milos Mladenovic. 10 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 8th. Arts Building. Fee $15.00.

Syllabus: The ideological bases of the Bolshevik Revolution; phases in the development of Soviet Russia. "Socialism in a single country" and its consequences in domestic and foreign policy. Agrarian Revolutions; planned economy and the Five-Year Plans; planned distribution of population; concentration camps; labour exploitation; political system and control of the peoples; internal forces: party, secret police and army; bolshevism as a religion and the problem of religious denominations. Strategy and tactics; Russia as a "stronghold of communism": the building of a powerful army and the formation of security belts; buffer states; communist parties and their role in other countries.

INDUSTRY — ADMINISTRATION

I1-1. ADMINISTRATIVE POLICY. Mr. R. A. MacQueen. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 5th. Physical Sciences Centre, 3450 University Street. Fee $30.00.

This course is designed to introduce the student to the broader aspects of business administration, the analysis of business problems and the determination of policy. The principal emphasis will be upon the problems of the individual business firm, but considerable attention will be given

to present-day developments and trends in finance, manufacturing and distribution, the analysis of industries and the effect of changing business conditions upon the outlook for different industries. Each meeting of the class will open with a lecture and the remainder of the time will be devoted to a discussion of an individual business situation or the current subject under review. Periodic written reports will be required.

I1-2. **CORPORATION FINANCE.** Mr. F. E. Dessauer. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $30.00.

Syllabus: The capital supply of corporations; money and capital markets; concept and short history of business corporations; their changed structure and increased importance; the instrumentalities of Corporation Finance (bonds, stocks, hybrid forms and trust certificates); holding and investment companies; Corporation Finance in action (promotion, management, expansion, decline, and failure); security markets and their function, organization, operation, and control.

INDUSTRY — MANAGEMENT

I2-1. **OFFICE MANAGEMENT.** Professor P. T. R. Pugsley. 20 lectures of 1½ hours, Mondays at 6 p.m., beginning October 5th. Physical Sciences Centre, 3450 University Street. Fee $24.00.

This course in the principles and practice of office management includes such topics as: principles of office organization and management; organization of a representative enterprise and the relation of the office thereto; duties of, and job descriptions for, the office manager and other members of the office staff; utilization of office personnel; office environment and administration, and office planning and control. *Text:* Wylie, Office Organization and Management (Prentice-Hall).

INDUSTRIAL MANAGEMENT. Two classes of 25 1½-hour lectures. Physical Sciences Centre, 3450 University Street. Fee $28.00 for each class.

This course is designed to provide a clear picture of the principles, approaches and some of the more important techniques involved in the management of industrial enterprises. The course deals with legal forms, planning and financing of an enterprise, internal organization, methods and control in factory operations, industrial personnel relations, accounting and financial control, and marketing and sales administration. *Texts:* to be announced.

I2-2. Mr. C. J. R. Grossman. Mondays at 8 p.m., beginning September 28th.

I2-3. Mr. Vincent Casson. Tuesdays at 8 p.m., beginning September 29th.

Note.—For Accountancy students the pass-mark in this course is 60 percent.

INDUSTRY — PERSONNEL

I3-1. **SUPERVISION I** (Basic). Mr. H. R. Filiatrault. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 5th. Engineering Building. Fee $30.00. Class limited.

Syllabus: Job Instructor Training—the supervisor's job; training schedules; everyday instruction problems. Job Relations Training—starting the new employee; correction and discipline; preventing and handling grievances; accident prevention. Problem studies, getting the facts; diagnosing the case and taking action. Job Methods Training—job analysis; work simplification.

I3-2. **SUPERVISION II** (Advanced). Mr. H. R. Filiatrault. 20 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 7th. Engineering Building. Fee $30.00. Class limited.

Syllabus: Administration, leadership, staff organization, delegation of responsibility, policy, supervisory counselling, case studies, accident prevention, communications, authority and responsibility, job evaluation, assessing executive ability.

I3-3. **LABOUR AND INDUSTRIAL LEGISLATION.** Mr. Marc Lapointe. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Arts Building. Fee $30.00.

Syllabus: General provisions of the civil law concerning legal relationship between employers and employees. Individual contracts between employers and employee. Contractual Relationship and Government Regulations: Collective labour agreements governed by the Professional Syndicates Act; agreements governed by the Labour Relations Act; individual contracts governed by the Minimum Wage Act; the Quebec Trade Disputes Act, the Public Services Employees Disputes Act, and the act respecting municipal and school corporations and their employees; Labour unions and employers' associations—their certification, negotiation, conciliation, arbitration; the Provincial and Federal laws governing strikes and lock-outs. Ancillary Laws: Review of the so-called social

laws. Each lecture will be followed by a practical application of the theory presented. *Text*: *Code of Labour and Industrial Laws*, 1952 edition (G. Francq).

Note.—For Accountancy students the pass-mark in this course is 60 percent.

I3-4. PERSONNNEL ADMINISTRATION. Professor H. D. Woods. 10 lectures of 2 hours, Thursdays at 6 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $20.00. Junior Matriculation desirable.

An introductory course which examines the character of modern industry, the role of management and of labour, and the relationships, both formal and informal, which exist in the industrial setting. The question of motives is examined and the instruments of personnel administration appraised. The course is designed to promote situational thinking. The method will be a combination of lectures, cases, and conferences. Students registering for this course should be prepared to undertake considerable reading and to participate in conference discussions. It is also desirable that they present cases from experience for class analysis. *Text:* Pigor and Myers, *Personnel Administration* (McGraw-Hill).

I3-5. INDUSTRIAL RELATIONS. Professor H. D. Woods. 10 lectures of 2 hours Thursdays at 6 p.m., beginning in January. Fee $20.00. Junior Matriculation desirable.

This course deals with the question of union and management relations. It attempts an understanding of the value of management and of unions, the motives involved, the objectives, areas of mutual interest and conflict, and methods and agencies available to each. It assesses the impact of collective bargaining on the enterprise system and considers the role of the state and the question of public policy. The course involves considerable reading and will combine the lecture and the conference discussion methods. *Text:* Chamberlain, *Collective Bargaining* (McGraw-Hill).

I3-6. STATISTICS FOR PERSONNEL ADMINISTRATION. Professor G. A. Ferguson. 10 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 8th. Fee $15.00.

This course provides elementary training in basic statistical procedures for use in personnel selection, evaluation of psychological tests, wage and salary administration, personnel records, and labour relations.

CERTIFICATE COURSE IN MANAGEMENT AND BUSINESS ADMINISTRATION

To meet the demand for the more advanced and broader training required by those graduates whose functions are primarily administrative and managerial, the Extension Department is offering a series of courses leading to a certificate in Management and Business Administration.

This series is intended for graduates in Commerce, Engineering, Law, and Arts and Science, who are fully employed in industry or business. However, the separate courses making up the series are all regular Extension courses, open to anyone who is interested.

Candidates for the certificate must fill in a special application form obtainable at the Extension Office.

To obtain the certificate the student must successfully complete 30 units (a unit is 10 hours) with a mark of not less than 60 percent in any course.

Required courses are: *First year*, E1-1 and A2-1; *Second year*, E1-3 and E1-4, or E1-2, and I2-2 (or I2-3) or I1-2; *Third year*, I1-1 and one of the second-year courses not taken. Twenty-four units must be taken from the required list and the remaining six units either from remaining courses on the required list or from electives.

Students whose previous training entitles them to exemption from some of the required courses will make up the necessary units from electives. Note that, regardless of how many exemptions a student may legitimately claim, he must still complete 30 units for the certificate.

Syllabus

	Course No.	Page	Name of Course	Lecturer	Year*
Required Courses	E1-1	3910	General Economics	E. F. Beach	1
	A2-1	3909	Principles of Accounting and Cost Determination	K. F. Byrd	1
	E1-3	3910	Canadian Economic Development	J. H. Dales	2
	E1-4	3910	The State in Economic Life	To be announced	2
	E1-2	3910	Money, Banking and Business Cycles	J. C. Weldon	2
	I2-2 or I2-3	3921 3922	Industrial Management Industrial Management	C.J.R.Grossman Vincent Casson	2
	I1-2	3921	Corporation Finance	F. E. Dessauer	2
	I1-1	3920	Administrative Policy	R. A. MacQueen	3
Elective Courses	P4-1 or P4-2	3950	Introduction to Psychology	D. Bindra	1
	E1-5	3911	Business Statistics	E. F. Beach	1 or 2
	P4-4	3950	Personality	A. S. Luchins	1, 2 or 3
	P4-3	3950	Business and Industrial Psychology	G. A. Ferguson	1, 2 or 3
	I3-5	3923	Industrial Relations	H. D. Woods	1, 2 or 3
	I3-4	3923	Personnel Administration	H. D. Woods	1, 2 or 3
	I3-6	3923	Statistics for Personnel Administration	G. A. Ferguson	1, 2 or 3
	I3-3	3922	Labour and Industrial Legislation	Marc Lapointe	1, 2 or 3
	T3-1	3952	Transportation Economics	W. G. Scott	2 or 3
	T1-1	3951	Canadian Income Tax	K. F. Byrd	2 or 3
	E1-6	3911	Economics of Engineering Practice	D. F. Coates	2 or 3

*Courses to be taken in this order.

CERTIFICATE COURSE IN JOURNALISM

This is a series of courses in journalism covering three years. It is designed to meet the needs not only of those interested in regular newspaper work, but also of those employed in public relations departments, advertising agencies, on trade journals and house organs, and of non-professional persons who must from time to time prepare material for publication. To qualify for the certificate, a student must take *all* the courses listed. Individual courses are open to any who feel they will benefit from them, except in the case of the course on the writing of magazine articles, where special qualifications are necessary. High School graduation and a good command of basic English are prerequisite for all courses.

FIRST YEAR COURSES

J1-1. INTRODUCTION TO JOURNALISM, PART 1	May Ebbitt Cutler
J1-2. INTRODUCTION TO JOURNALISM, PART 2	May Ebbitt Cutler Peter Laing A. S. Luchins
J1-3. ELEMENTARY NEWS WRITING	May Ebbitt Cutler
J1-4 ELEMENTARY FEATURE WRITING	May Ebbitt Cutler

SECOND YEAR COURSES

J2-1. ADVANCED NEWS WRITING, PART 1	10 lecturers
J2-2. ADVANCED NEWS WRITING, PART 2	Stanley Handman
J2-3. NEWSPAPER PRODUCTION	Ted McCormick
J2-4. EDITORIAL AND CRITICAL WRITING	Ewen Irvine Roy Kervin

THIRD YEAR COURSES

J3-1. MAGAZINE ARTICLE WRITING, PART 1	Leslie Roberts
J3-2. MAGAZINE ARTICLE WRITING, PART 2	Leslie Roberts
J3-3. ADVANCED FEATURE WRITING	Frank Lowe
J3-4. RADIO NEWS AND TALKS	Richard Elson Norman McBain Elspeth Chisholm Frank Coleman

J1-1. INTRODUCTION TO JOURNALISM—PART 1. May Ebbitt Cutler. 10 lectures of 2 hours, Mondays at 8:15 p.m., beginning October 5th. Physical Sciences Centre, 3450 University Street. Fee $20.00.

The course begins with a comprehensive survey of journalism in Canada and the United States, covering the early history of U.S. and Canadian newspapers, and an analysis of major present-day papers, news agencies and syndicates, magazines and radio. The structure of a daily newspaper is studied in detail: functions of editorial, business and mechanical departments. A visit to a large local daily is included. Students desiring credit must write a term paper and a final examination. *Text: The Style Book of the New York Times* (N.Y.Times, 229 West 43rd St., New York).

J1-2. INTRODUCTION TO JOURNALISM—PART 2. May Ebbitt Cutler, Peter Laing, A. S. Luchins. 10 lectures of 2 hours, Mondays at 8:15 p.m., beginning in January. Fee $20.00.

This is a background course designed to give an understanding of the written word and its effect on the public, its limitations under the law, and its potential values and dangers in a free society. Lectures cover semantics, history of freedom of the press in the U.S. and Canada and threats to that freedom, censorship in war and peace, the law of libel in Quebec and Ontario, the criminal code insofar as it affects journalism, propaganda and rumor in peace and war. Students desiring credit must write a term paper and a final examination.

Note.—Courses J1-1 and J1-2 will be considered as one course if the student registers for both at the same time; in this case the fee will be $30.00 and the regulations for single courses will apply.

J1-3. ELEMENTARY NEWS WRITING. May Ebbitt Cutler. 10 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $20.00.

This course deals with the techniques of writing news stories: news evaluation, the structure of news stories, rewrites, methods of covering events, sources of news. Students will write weekly assignments which will be analyzed in class.

J1-4. ELEMENTARY FEATURE WRITING. May Ebbitt Cutler. 10 lectures of 2 hours, Wednesdays at 8 p.m., beginning in January. Fee $20.00.

The techniques of feature writing will be dealt with in this course, as well as news features, the human interest story, the popular interview and profile, and methods of simplifying technical material for the average reader. Students will be given weekly assignments which will be analyzed in class. This course is the basis of the course on magazine article writing.

J2-1. ADVANCED NEWS WRITING—PART 1. Robert McKeown, Guy Beaudry, Wilbur Arkison, Bill Bantey, Clive Clift, J. H. Goldsmith, Roger Mathieu, Fred Poland, Harriet Hill, and Allan Randall. 10 lectures of 2 hours, Mondays at 8 p.m., beginning October 5th. Physical Sciences Centre, 3450 University Street. Fee $20.00. Class limited. Prerequisite: Elementary News Writing or some newspaper experience.

This course aims at giving students detailed knowledge of the major news sources of a daily newspaper, each lecture being given by a practising newspaperman who is a specialist with lengthy experience in his particular branch of reporting and editing. Subjects covered include parliamentary and legislature reporting, courts and police, city hall and municipal affairs, financial reporting and editing, labor, medicine and science, women's news, and wire service reporting.

J2-2. ADVANCED NEWS WRITING—PART 2. Mr. Stanley Handman. 10 lectures of 2 hours, Mondays at 8 p.m., beginning in January. Fee $20.00. Class limited. Prerequisite: Course J2-1, Part 1, or equivalent.

This course picks up from Part 1 of Advanced News Writing and puts into practical use the theory covered. Where the lecturers in Part 1 described how they go about doing their work on different types of newspaper stories, students in Part 2 will be sent out to cover and write weekly assignments based on these ten lectures. The assignments will be analyzed in class.

Note.—Courses J2-1 and J2-2 will be considered as one course if the student registers for both at the same time; in this case the fee will be $30.00 and the regulations for single courses will apply.

J2-3. NEWSPAPER PRODUCTION. Mr. Ted McCormick. 10 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $20.00. Class limited.

This course covers all the editorial work, except reporting, involved in producing a newspaper: copy editing, news appraisal, reporter assignment, headline writing, page layouts, news and feature presentation, the roles played by printers and photoengravers in newspaper production. As particular emphasis is placed on designing layouts and on the attractive use of common face types, the course seeks not only to give journalists an understanding of production,but also to aid editors of trade publications and house organs, and printers who must occasionally prepare layouts for their clients.

J2-4. EDITORIAL AND CRITICAL WRITING. Messrs. Ewen R. Irvine, Roy Kervin, and others. 10 lectures of 2 hours, Wednesdays at 8 p.m., beginning in January. Fee $20.00. Class limited.

The first part of this course will cover the writing and presentation of newspaper editorials of all kinds, the ethics of editorial writing and the relationship of an editorial page to the community. Students will be required to write one or more editorials weekly on assigned subjects.

In the second part of the course, the role of the critic of literature etc. will be discussed. *Topics*: The tools of the critic; the structure of the novel, short story or sketch; plot, characterization, situation, mood, atmosphere, background, pace and style. Students will be assigned a book to review.

J3-1. MAGAZINE ARTICLE WRITING—PART 1. Mr. Leslie Roberts. 10 lectures of 2 hours, Mondays at 8 p.m., beginning October 5th. Physical Sciences Centre, 3450 University Street. Fee $20.00. Class limited.

This is a practical course in writing for the magazines, covering the role of magazines in today's society, sources of ideas for magazine articles, methods of handling material and adapting it to specific markets, the relationship between writers and editors, methods of research. Writing training will include the preparation of memos for editors, structure of articles, use of the anecdote and ways of sustaining interest throughout article, learning to edit one's own writing, working from first to final drafts and making revisions. Weekly assignments. Course is limited to students who have taken Elementary Feature Writing or have worked on newspapers.

J3-2. MAGAZINE ARTICLE WRITING—PART 2. Mr. Leslie Roberts. 10 lectures of 2 hours, Mondays at 8 p.m., beginning in January. Fee $20.00.

This is a continuation of Part 1, giving students as much experience as possible in the actual writing of articles. Weekly assignments. *The course is limited to students who have taken Part 1.*

Note.—Courses J3-1 and J3-2 will be considered as one course if the student registers for both at the same time; in this case the fee will be $30.00 and the regulations for single courses will apply.

J3-3. ADVANCED FEATURE WRITING. Mr. Frank Lowe. 10 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $20.00. Class limited.

This course on advanced feature writing will attempt to convey to those interested the intangibles which can, if properly appreciated, turn a routine news story into an attractive and exciting bit of copy. It will of necessity—as there are no rules laid down for successful feature writing

—consist of actual examples and happenings. No books will be needed for the course, although it is hoped that the course may be of sufficient interest to prompt at least some of the students to browse through typical newspaper books,—for instance, Stanley Walker's *City Editor*, *The Story of the News* (*AP*), the history of Reuter's news agency, etc. The lecturer will draw material from these and similar books.

J3-4. **RADIO NEWS AND TALKS.** Richard Elson, Norman McBain, Elspeth Chisholm, Frank Coleman. 10 lectures of 2 hours, Wednesdays at 8 p.m., beginning in January. Fee $20.00.

This course will include radio network news writing and news feature writing, including special events reporting; actuality news broadcasting, and documentaries; radio-talk writing, including the analysis of talks, structure of scripts, radio delivery and categories of marketable material; the special requirements of television news writing in comparison with other news gathering and reporting media. Some use will be made of recordings for purposes of illustration. Regular assignments.

LANGUAGES

ENGLISH

L1-1. **ENGLISH COMPOSITION AND BUSINESS WRITING I (Elementary).** Miss Kathleen M. Fricker. 25 lectures of 1 hour, Mondays at 6 p.m., beginning October 5th. Arts Building. Fee $23.00. Class limited.

This course is intended for those whose native tongue is English; it should not be confused with Courses L2-17 and L2-18.

The course begins with a review of the fundamentals of grammar, punctuation, sentence structure, and paragraphing, and proceeds to a study of the basic structure of the business letter and a detailed consideration of the techniques used in writing utility, sales, credit and collection, claim and adjustment, and application letters. Vocabulary building is stressed throughout the course, and students are encouraged but not required, to write short assignments for individual criticism. *Texts*: Foerster and Steadman, *Writing and Thinking* and *Exercises in Writing and Thinking*, old editions (Houghton, Mifflin); Robert Shurter, *Effective Letters in Business* (McGraw-Hill).

L1-2. **ENGLISH COMPOSITION AND BUSINESS WRITING II (Intermediate).** Miss Kathleen M. Fricker. 25 lectures of 1 hour, Mondays at 8:15 p.m., beginning October 5th. Arts Building. Fee $23.00. Class limited.

This course is designed to provide a study of the broader field of business writing: that of reports, direct mail advertising, correspondence supervision, dictation, and the basic psychology of business letters. The course offers several 'refresher' lectures on sentence structure, paragraphing, and punctuation. There is a detailed consideration of the procedure to be followed in writing business reports, and also a description of the types of prose which contribute to the effectiveness of reports. Each member of this class is encouraged to write a report from the field of actual business practice. *Texts:* H. L. Marcoux, *College Guide to Business English* (Van Nostrand); Foerster and Steadman, *Writing and Thinking* and *Exercises in Writing and Thinking*, old editions (Houghton, Mifflin). *Recommended reference book:* Fowler, *A Dictionary of Modern English Usage* (Oxford Univ. Press).

L1-3. SPEAKING IN PUBLIC. Mr. Donald N. Byers. 20 periods of 1½ hours, Thursdays at 6:45 p.m., beginning October 8th. Engineering Building. Fee $24.00. Class limited.

This course is primarily for people with no previous experience in public speaking and is designed to give the students as much practice in speaking as possible. Each lecture period will commence with a ten-minute address by the instructor who will cover, amongst other things, the preparation and delivery of a speech, how to introduce and thank speakers, the duties of a chairman, and procedure at meetings. During the course, in addition to the prepared speeches that students will be asked to give, they will also introduce and thank speakers and take part in short debates.

L1-4. SPEAKING IN PUBLIC. Identical with the above. Time: Thursdays at 8:15 p.m., beginning October 8th.

Applicants must indicate clearly, when registering, the class they wish to take.

COURSES IN ENGLISH FOR THE NON-ENGLISH-SPEAKING

PART I

CERTIFICATE OF PROFICIENCY IN SPOKEN AND WRITTEN ENGLISH. A Certificate of Proficiency in spoken and written English will be granted on the successful completion of three graduated courses in Part I. (A mark of 50% or higher is required in the examinations of the first two years, and 65% in the third year examination.) Students may take either the First Year (Beginners) or the slightly more advanced regular First Year course, followed by the Second and Third Year courses. Those who have attained

real fluency in the language before attending these courses may, after consulting the Director of these courses, be admitted to the Second Year. *Each class consists of one period per week for 25 weeks. The fee for each class is $28.00.* The number of students per class is definitely limited. All classes are held in the Arts Building.

FIRST YEAR (Beginners)

This First Year course is designed for real beginners in English. Less will be attempted and the pace will be slower than in the regular First Year course. Students who successfully complete this beginners' course may, however, proceed to the Second Year in the following session. *Texts:* Eckersley, *Essential English*, Book I (Longmans); I. A. Richards, *English Through Pictures* (Pocket Books); Eckersley, *A Concise English Grammar*, edited by West (Longmans); *Fables and Fairy Tales*, *Seven Little Plays*, *Gulliver's Travels* (Longmans); Harrop, *English Phonetic Word Book*, and *An English Phonetic Reqder. Recommended Dictionary: An Advanced Learner's Dictionary of Current English* (Oxford).

L2-1. Instructor: Miss Ann Robson.
Time: Tuesdays, 8 p.m., beginning Oct. 6th.

L2-2. Instructor: Mrs. Lorna MacLean.
Time: Thursdays, 7 p.m., beginning Oct. 8th.

FIRST YEAR

This course begins at the elementary level, but more will be attempted than in the beginners' course, and the rate of learning will be faster. Great stress will be laid on correct pronunciation and accentuation. The symbols of the International Phonetics Association are taught as a guide to pronunciation. A good deal of written work is also done. *Texts:* Eckersley, *Essential English*, Books I and II, and *A Concise English Grammar*, edited by West (Longmans); *Fables and Fairy Tales*, *Gulliver's Travels*, *Peter the Whaler* (Longmans); Harrop, *English Phonetic Word Book* and *An English Phonetic Reader. Recommended Dictionary: An Advanced Learner's Dictionary of Current English* (Oxford).

L2-3. Instructor: Professor L. B. Harrop.
Time: Mondays, 7 p.m., beginning October 5th.

L2-4. Instructor: Mr. Gaston Stegen.
Time: Thursdays, 7 p.m., beginning Oct. 8th.

L2-5. Instructor: Miss M. Simpson.
Time: Tuesdays, 8 p.m., beginning Oct. 6th.

L2-6. Instructor: Miss M. Jean H. Deery.
Time: Wednesdays, 8:15 p.m., beginning Oct. 7th.

SECOND YEAR

At this stage a grasp of elementary grammar and language-structure as well as of phonetics and pronunciation is assumed. In the Second Year the stress is on correct intonation, and on idiom and usage, with continued formal grammatical exercises. More difficult grades of reading material will be studied. *Texts:* Judd, *Exercises in English* (Longmans); Palmer and Blandford, *Everyday Sentences in Spoken English* (Heffer); *David Copperfield* and *The Thirty-Nine Steps* (Longmans); *More Tales of Crime and Detection* (Oxford); *Short Stories* (Pocket Books); Harrop, *English Phonetic Word Book; Dictation, Comprehension and Précis Pieces; An English Phonetic Reader. Recommended reference books: An Advanced Learner's Dictionary of Current English* (Oxford); Worrall, *English Idioms* (Longmans); Palmer, *A Grammar of English Words* (Longmans).

L2-7. Instructor: Professor L. B. Harrop.
Time: Mondays, 8:30 p.m., beginning Oct. 5th.

L2-8. Instructor: Mrs. Lorna MacLean.
Time: Mondays, 8:30 p.m., beginning Oct. 5th.

L2-9. Instructor: Miss Alison Groom.
Time: Tuesdays, 6:30 p.m., beginning Oct. 6th.

L2-10. Instructor: Miss M. Simpson.
Time: Wednesdays, 6:30 p.m., beginning Oct. 7th.

L2-11. Instructor: Miss Ann Robson.
Time: Thursdays, 6:30 p.m., beginning Oct. 8th.

L2-12. Instructor: Mr. J. Perrie.
Time: Thursdays, 8 p.m., beginning Oct. 8th.

THIRD YEAR

This course presupposes a fluent command of English. In the Third Year the stress will be on the finer points of intonation, usage and idiom. The student will also be introduced to some modern English writers. *Texts:* Judd, *Advanced Exercises in English* (Longmans); Norman Douglas, *South Wind; Fifty Great Short Stories* (Bantam); Harrop, *Dictation, Comprehension and Précis Pieces* and *An English Phonetic Reader;* Clarke, *Modern English Writers* (Longmans); Palmer and

Blandford, *Everyday Sentences in Spoken English* (Heffer); Eckersley, *A Concise English Grammar* (Longmans). Recommend reference books: *An Advanced Learner's Dictionary of Current English* (Oxford); Palmer, *A Grammar of English Words* (Longmans); Collins, *The Choice of Words* (Longmans).

L2-13. Instructor: Professor L. B. Harrop.
Time: Thursdays, 7 p.m., beginning Oct. 8th.

PART II

ADDITIONAL COURSES IN ENGLISH FOR THOSE WHOSE MOTHER-TONGUE IS NOT ENGLISH.

L2-15. ENGLISH COURSE FOR STUDENTS OF SCIENCE AND ENGINEERING. Lecturer to be announced. 25 lectures of 1½ hours, Wednesdays at 6:30 p.m., beginning October 7th. Fee $28.00.

This course is designed to give formal instruction in English pronunciation, sentence structure, grammar and idiom to students whose main field of study is science or engineering. The material on which the exercises are based, and also the required reading, deal largely with subjects of direct interest to the student's other studies. *Texts:* Gaskell & Towers, *English for Science Students* (Dent); Allen, *Living English Structure* (Longmans); Eckersley, *A Concise English Grammar* (Longmans); Harrop, *English Phonetic Word Book; Comprehension Pieces for Students of Science and Engineering; Dictation, Comprehension and Précis Pieces. Reading material:* Any TWO of the following: Walton, *Seven Civil Engineers* (Oxford); Savory, *Seven Biologists* (Oxford); Flood, *Machines and Engines* (Longmans). *Reference books: An Advanced Learner's Dictionary of Current English* (Oxford) and any (or all) of the following: *A Dictionary of Science; A Dictionary of Biology; A Dictionary of Psychology* (Penguin).

L2-16. ENGLISH COURSE FOR NURSES, THERAPISTS AND HOSPITAL TECHNICIANS. Miss Ann Robson. 10 lectures of 2 hours, Mondays at 8 p.m., beginning October 5th. Fee $20.00.

This course will continue formal instruction in sentence construction and word usage and also supply a specialized vocabulary. Situational material will be used to aid comprehension, and stress will be laid on reporting, both oral and charting, and on the writing of ward reports. Class discussions will enable the student to relate the lectures to her own experiences. Written assignments will be given. An examination will

be given at the end of the course. *Texts:* Eckersley, *An Everyday English Course*, and *A Concise English Grammar* (Longmans); Harrop, *English Phonetic Word Book;* Walton and McNichol, *Pioneers of Medicine* (Oxford); Hilda M. Gration, *The Nurse's Pocket Encyclopedia and Guide* (Faber). *Recommended reference book: An Advanced Learner's Dictionary of Current English* (Oxford).

ENGLISH COMPOSITION AND BUSINESS WRITING. 25 lectures of 1½ hours. Fee $28.00.

This course offers a detailed study of sentence structure, of business phrases and terminology, and of the composition of various types of business letters. Particular attention is given to the English words, idioms, and usage which experience has shown to present difficulty to those who learn English as a foreign language. Correct pronunciation and conversational usage are stressed. Students are expected to prepare written assignments, which will be corrected and returned. The course is intended for those who have completed two or more years of study in the English language courses offered at McGill or for those who have had an equivalent amount of formal instruction in the English language. *Texts:* Miller, *A Grammar of Modern English* (Longmans); Harrop, *English Phonetic Word Book;* Allen, *Living English Structure* (Longmans); Warner, *Business Letter Writing* (Pitman); Gowers, *A.B.C. of Plain English* (H.M.S.O.). *Recommended reference books: An Advanced Learner's Dictionary* (Oxford); Palmer, *A Grammar of English Words* (Longmans); Vallins, *Good English* and *Better English* (Pan).

L2-17. Instructor: Miss Kathleen Fricker.
Time: Wednesdays, 6:30 p.m., beginning Oct. 7th.

L2-18. Instructor: Miss Alison Groom.
Time: Thursdays, 6:30 p.m., beginning Oct. 8th.

L2-20. **MODERN ENGLISH LITERATURE:** An introduction for the non-English-speaking. Mrs. Lorna MacLean. Ten lectures, followed by conversation, discussions, and play readings, 1½ hours, Thursdays at 8:30 p.m., beginning October 15th. Fee $15.00.

This course combines practice in spoken English with an introduction to some modern English writers. Plays will be read in class, and novels and short stories discussed. The authors have been chosen to acquaint the student with twentieth century English literature and society, and at the same time to increase his command of vocabulary, idiom and sentence structure. The course is open to all applicants with a fair reading knowledge of English, and is particularly recommended to students in the 2nd and 3rd years of our English language courses. Texts: Somerset

Maugham, *The Moon and Sixpence* (Penguin); J. B. Priestly, *Three Time Plays* (Pan); Terrence Rattigan, *The Winslow Boy* (Pan); G. B. Shaw, *Plays Pleasant and Unpleasant; Fifty Great Short Stories* (Bantam); Graham Greene, *The Heart of the Matter; A Guide to Good Reading* (Mentor); *Modern English Writers* (Longmans).

L2-21. GETTING TO KNOW CANADA—A symposium. 10 lectures of 1½ hours, Wednesdays at 8 p.m., beginning October 14th. Fee $15.00.

A series of lectures on aspects of Canadian life, given by well-known speakers and followed by questions and discussion. This course is designed to give the newcomer to Canada a balanced picture of his new home, but the subject matter is of interest to the public in general, which is cordially invited to enrol. *Syllabus:* Geography (2 lectures); History (2 lectures); Canada, the Commonwealth and the U.S.A.; Races of Canada, Old and New; Canadian Life: A lecture-tour of the Redpath Museum; Canadian Literature; Canadian Law; a Summing-up.

DIPLOMA COURSE IN TRANSLATION: ENGLISH-FRENCH, FRENCH-ENGLISH

Courses L3-1 to L3-5 constitute a three-year series leading to a Diploma in Translation. They involve one two-hour period a week, and are open to all qualified students. A *Certificate* is given at the end of each of the three years to those who are successful in the examinations. To gain the *Diploma*, first class standing must be obtained in translation from French to English and in English to French in the examinations at the end of the Second and the Third Years. *New students* should write or telephone the Extension office, McGill University (MA 9181, local 304) before September 19th.

Students who successfully completed any of these courses last session may register by mail for the next course in the series. Students who were unsuccessful in a course last session may register by mail to repeat the course. A registration card may be obtained by writing or telephoning the Extension office. Mailed registration cards, with cheque attached, must reach the Extension office by October 5th.

A new student desiring to register for the First Year course must be prepared to show a certificate indicating that he or she has completed Grade XI (Quebec) or higher. *Students without such a certificate and those new students who desire to enter Second Year* must write an appropriate qualifying examination in the Arts Building, McGill University, at 7 p.m., on *September 28th.*

Registration and payment of fees will take place in the Registrar's office (East Wing of the Arts Building), on *October 8th and 9th, from 6:30 to 8:30 p.m. New students* must either have passed the qualifying examination or show the Grade XI (Quebec) or higher certificate at registration.

The student fee, payable in full at registration, is the same for each course and is $40.00. Members of the Montreal Translators Society, on presentation of their 1953 membership cards, will be registered at a reduced fee of $35.00. A representative of the Society will be at McGill on registration nights.

FIRST AND SECOND YEARS: COMMERCIAL TRANSLATION

The purpose of these courses is to assist students in acquiring or perfecting ease of style and propriety of vocabulary in translating commercial material —correspondence, reports, advertising matter, simple sales contracts and the like—from English into French and *vice versa*.

The fields of terminology covered are broadly those of trade, finance and business administration. These courses are designed to emphasize the fact that commercial translation requires both accuracy and elegance, together with a proper understanding of the principles of correct drafting and composition. A course of reading is recommended to the students. It includes standard remedial manuals and works of reference on the use of language and the art of translation.

L3-1. ENGLISH-FRENCH AND FRENCH-ENGLISH COMMERCIAL TRANSLATION (1st year). Mr. H. W. Mandefield and Mr. Gilbert H. King. 20 lectures of 2 hours, Tuesdays at 7:30 p.m., beginning October 13th. Arts Building.

L3-2. ENGLISH-FRENCH AND FRENCH-ENGLISH COMMERCIAL TRANSLATION (1st year). Mrs. Madeleine Bodier Little and Mr. John Perrie. 20 lectures of 2 hours, Wednesdays at 7:30 p.m., beginning October 14th. Arts Building.

L3-3. ENGLISH-FRENCH AND FRENCH-ENGLISH COMMERCIAL TRANSLATION (2nd year). Mr. H. W. Mandefield and Mr. Gilbert H. King. 20 lectures of 2 hours, Tuesdays at 7:30 p.m., beginning October 13th. Arts Building.

L3-4. ENGLISH AND FRENCH-ENGLISH COMMERCIAL TRANSLATION (2nd year). Mrs. Madeleine Bodier Little and Mr. John Perrie. 20 lectures of 2 hours, Wednesdays at 7:30 p.m., beginning October 14th. Arts Building.

THIRD YEAR: GENERAL TRANSLATION

This course, which is conducted alternately in French and in English, is intended for students with a fair background of linguistic knowledge.

It provides an introduction to translation work of a literary value and all texts are selected from among the work of writers whose fields range from the descriptive or psychological novel to the critical essay and topical article of merit and distinction. Apart from the constant building up of indispensable vocabulary this course particularly stresses the stylistic aspect of English and French, and special attention is paid to synonyms, shades of meaning and the accurate rendering of the general tone of a page.

L3-5. ENGLISH-FRENCH AND FRENCH-ENGLISH GENERAL TRANSLATION (3rd year). Miss L. Mabel King. 20 lectures of 2 hours, Wednesdays at 7:30 p.m., beginning October 14th. Arts Building.

FRENCH

The following French courses are divided, under our new plan, into four units, each unit consisting of a theoretical class (grammar and vocabulary) and a practical class (conversation and oral practice). The two classes in each unit are independent of each other, but it is strongly recommended that, for good results, the student take a whole unit at one time.

UNIT A

FRENCH I. Two classes of 25 1½-hour periods. Arts Building. Fee $28.00 for each class. Both classes limited.

This course has been especially planned for students who have *never* studied French before, and who desire to rapidly attain a measure of fluency in that language. The approach will be entirely aural-oral, the course being planned to equip the student with a minimum of essential grammar. Attention will be paid to correct pronunciation from the start, and aural comprehension will be particularly stressed. Written exercises will be given but will not be compulsory. *Text:* Starr-Pellegrino-Casavant, *Functional French* (American Book Co.; agents in Canada, Gage & Co.).

L4-1. Professor André Rigault. Mondays at 6 p.m., beginning October 5th.

L4-2. Professor Marie-Thérèse Reverchon. Tuesdays at 6:30 p.m., beginning October 6th.

FRENCH CONVERSATION I. Three classes of 25 1½-hour periods. Arts Building. Fee $35.00 for each class. All classes limited.

This course is complementary to *French I*, and it is planned for beginners. The work will be purely *oral* and the first few lectures will be devoted to language practice. When the students' vocabulary has been enlarged to approximately 200 words, conversational exercises will stress correct pronunciation and fluency in the use of everyday phrases. Students will receive individual attention, *the size of the class being limited to a maximum of 20. Text:* Harris and Levèque, *Conversational French for Beginners* (Holt).

L4-3. Professor André Rigault. Mondays at 7.30 p.m., beginning October 5th

L4-4. Professor Marie-Thérèse Reverchon. Tuesdays at 8 p.m., beginning October 6th.

L4-5. Mr. Oliver Andrews. Mondays at 8 p.m., beginning October 5th.

UNIT B

L4-7. FRENCH II. Mr. T. Romer. 25 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 6th. Arts Building. Fee $28.00. Class limited.

This course is an elementary one, devised for students who have studied some French previously but who, for lack of opportunity to use it, have forgotten most of it. French will be begun again from scratch, but the rate of progress will be faster than in *French I*, and, while the emphasis will remain on an aural-oral approach, attention will be paid to grammatical correctness. Students will be invited to devote some of their spare time to study, and written exercises will be set. *Texts:* Denoeu-Hall, *Spoken and Written French* (Heath); Truë, *Everyday French* (McDougall Educational Co., Edinburgh).

L4-8. FRENCH CONVERSATION II. Mr. T. Romer. 25 periods of 1½ hours, Thursdays at 8 p.m., beginning October 8th. Arts Building. Fee $35.00. Class limited.

This course is complementary to *French II*. It consists of intensive oral work with the language, with emphasis on pronunciation and fluency in the use of grammatically correct phrases of everyday use. This is a very suitable course for students who have taken the written or reading approach to French and desire to bring to life the linguistic material which they have previously collected. *Students will receive individual attention, the size of the class being limited to 20. Texts:* Kany and Dondo, *Elementary French Conversation* (Heath); Truë, *Everyday French* (McDougall Educational Co., Edinburgh).

UNIT C

L4-10. FRENCH III. Professor André Rigault. 25 periods of 1½ hours, Tuesdays at 6 p.m., beginning October 6th. Arts Building. Fee $28.00. Class limited.

An intermediate French course intended for students who have taken French in High School some time ago, or who have more recently taken an elementary French course. A grammar review will be undertaken and a certain amount of written work will be offered on the less familiar aspects of syntax. But the bulk of the class work (which it is hoped to conduct entirely in French) will be aimed at developing aural comprehension and increasing the students' active vocabulary on a wide range of topics. *Texts:* Denoeu, *Fluent French* (Heath).

L4-11. FRENCH CONVERSATION III. Professor André Rigault. 25 periods of 1½ hours, Tuesdays at 7:30 p.m., beginning October 6th. Arts Building. Fee $35.00. Class limited.

This course is complementary to *French III*. The work will be purely oral and conducted entirely in French. It is intended for students who have reached an average degree of aural comprehension but still experience difficulty in expressing themselves in French, either because their vocabulary is insufficient, or because their sentence-building is laborious. The course will feature a review of everyday words and phrases used in the majority of real-life situations. *Students will receive individual attention, the size of the class being limited to a maximum of 20. Texts:* Kany and Dondo, *Intermediate French Conversation* (Heath); Mercier and Luzenska, *Causons, s'il vous plaît* (Harper).

UNIT D

L4-13. FRENCH IV. Mrs. Simone Launay. 20 periods of 1½ hours, Tuesdays at 6:30 p.m., beginning October 6th. Arts Building. Fee $24.00. Class limited.

This course is intended for students who have taken the High School French course and have had some further experience with the language, either through a college course, or through the pursuit of a profession requiring a little familiarity with French. Grammar will not be taught as a formal subject, but a review and an extension of the student's grammatical knowledge will be undertaken through the readings of suitable texts in class. The course will also include a survey of contemporary French-Canadian literature, and a number of typical Quebec phrases, used in city or rural areas, will be met with in the books selected. This

course, being of University standard, will be conducted in French. *Texts:* Carter-Rowe, French Review Grammar (Ronald Press), for reference; Roger Lémelin, *Au Pied de la pente douce* (L'Arbre, Montreal); Bertrand Vac, *Louise Genest* (Cercle du Livre de France, Montreal).

L4-14. FRENCH CONVERSATION IV. Mrs. Simone Launay. 20 periods of 1½ hours, Tuesdays at 8 p.m., beginning October 6th. Arts Building. Fee $30.00. Class limited.

This course is complementary to *French IV*. It is intended for students who feel the need for fluent conversational French in business or who desire to attain a really good command of the spoken language. It will take the form of debates and discussions on prepared topics; of realistic life situations acted in class and of review of current phrases as necessary. The course will be conducted entirely in French and students will receive individual attention, *the size of the class being limited to a maximum of 20. Text:* Picard and Black, *Manuel de Conversation française* (Heath).

GERMAN

L5-1. BEGINNERS' GERMAN. Professor Bertha Meyer. 25 lectures of 1½ hours, Thursdays at 6:30 p.m., beginning October 8th. Arts Building. Fee $28.00. Class limited.

This course offers a brief survey of German grammar and an introduction to the spoken and written language through the medium of an easy text. Oral German is stressed from the beginning and the pupil is encouraged to use the language as much as possible. *Text:* Guerber, *Märchen und Erzählungen* (Heath).

L5-2 and L5-3. GERMAN INTERMEDIATE (2nd year) and GERMAN ADVANCED (3rd year). Professor Bertha Meyer. 25 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 8th. Arts Building. Fee $28.00. Class limited.

These two courses may be combined to offer the student the chance to continue the practice of spoken and written German and to attain some degree of fluency and correctness in the language. Such discussion of grammar and syntax as is found necessary will be given. Through the medium of a modern text the idiom of colloquial German will be practised and conversation encouraged. Students who are in the advanced group will be required to read additional texts and to write compositions in German. *Texts:* E. Kastner, *Georg und die Zwischenfälle* (Clarke, Irwin); L. Stroebe, *Vom Alltag zur Literatur* (Holt); L. B. Foltin, *Aus Nah und Fern* (Houghton, Mifflin).

ITALIAN

L6-1. ITALIAN ELEMENTARY: LANGUAGE AND CONVERSATION. Mrs. Anne Noad. 25 lectures of 1½ hours, Wednesdays at 6:30 p.m., beginning October 7th. Arts Building. Fee $28.00. Class limited.

This course is planned for beginners who have had no previous experience with the language. It aims at building a practical vocabulary for everyday use and, to that effect, uses the oral-aural approach almost exclusively for the first term. Reading will be undertaken in the second term. In conversational practice the emphasis will be laid on fluency rather than on grammatical correctness, grammar being presented in its functional form and limited to basic syntax. *Texts:* Cioffari, *Spoken Italian* (*Basic Course*) (Heath); Goggio, *A New Italian Reader for Beginners* (Heath); Kany and Speroni, *Elementary Italian Conversation* (Heath); Cuthbertson, *Italian Verb Wheel* (Heath).

L6-2. ITALIAN INTERMEDIATE: LANGUAGE AND CONVERSATION. Mrs. Anne Noad. 25 lectures of 1½ hours, Mondays at 8 p.m., beginning October 5th. Arts Building. Fee $28.00. Class limited.

This course is open to students who have done a year of Italian or the equivalent. It is essentially an oral course, although more attention will be given to grammatical correctness than in an elementary course. Students will be given an opportunity to read and practise writing. Italian will be used in class in the largest possible measure and students will have ample opportunity to practise the language. *Texts:* Russo, *Present-day Italian* (Heath); Goggio, *Avventure di Pinocchio* (Heath); Kany and Speroni, *Intermediate Italian Conversation* (Heath).

RUSSIAN

L7-1. RUSSIAN ELEMENTARY. Dr. V. N. Litwinowicz. 25 lectures of 1½ hours, Mondays at 8 p.m., beginning October 5th. Arts Building. Fee $28.00. Class limited.

This course will begin with the general characteristics of the Russian language, the alphabet and phonetic values of separate letters; accent; basic rules of grammar. There will be reading, oral and written exercises, and translation into English and Russian of selected articles, accompanied by a gradual introduction to Russian culture and civilisation. *Text:* G. A. Znamensky, *Conversational Russian* (Ginn).

L7-2. RUSSIAN INTERMEDIATE. Dr. V. N. Litwinowicz. 25 lectures of 1½ hours, Mondays at 6:30 p.m., beginning October 5th. Arts Building. Fee $28.00. Class limited.

This course will include the translation of the selected stories of Anton P. Chekhov and his place in the history of Russian literature and the theatre; intensive drill in Russian grammar; oral and written exercises. *Texts:* Chekhov, *The Album and Five Other Tales* (Pitman); A. Semeonoff, *A New Russian Grammar.*

SPANISH

A CERTIFICATE OF PROFICIENCY IN SPANISH will be granted on the successful completion of the graduated courses (extending over four years) described below. Those who have studied Spanish at some other institution may be granted credit for one or more years depending on the progress they have made.

L8-1. SPANISH ELEMENTARY (1st year). Professor Robina Henry. 25 lectures of 1½ hours, Thursdays at 6:30 p.m., beginning October 8th. Arts Building. Fee $28.00. Class limited.

A beginners' course designed to teach the students to read, write and speak Spanish, and to become conversant with the main grammatical principles of the language. Ample practice will be given in written work by means of translations and dictation. Students will be given practice in oral work, particular importance being attached to self-expression, so as to prepare them for the Second Year course, which is conducted largely in Spanish. At the end of the course, students will have the opportunity of taking an examination (optional) which will include a certain amount of oral work. *Texts:* Fernandez and Hayes, *Beginning Spanish* (Houghton, Mifflin); Hefler and Espinosa, *Primeras Lecturas* (Oxford).

L8-3. SPANISH INTERMEDIATE (2nd year). Mr. Gaston F. Stegen. 25 lectures of 1½ hours, Thursdays at 8:30 p.m., beginning October 8th. Arts Building. Fee $28.00. Class limited. Prerequisite: at least one year's study of the Spanish language.

This course presents a rapid and effective method of study for students of Spanish who have mastered the main elements of grammar and pronunciation. Considerable written practice is given in grammar and syntax by means of translations and compositions. Particular importance is attached to oral work, and the course is conducted, to a very large extent, in Spanish. As an introduction to the study of Spanish literature, the course includes the reading and discussion of a nineteenth century novel. *Texts:* D. D. Walsh, *Repaso* (Norton); A. Palacio Valdés, *La Hermana San Sulpicio* (Holt); J. Robles, *Tertulias Españolas* (Crofts).

L8-4 and L8-5. SPANISH ADVANCED (3rd year) and SPANISH FINAL (4th year). Professor L. B. Harrop. 25 lectures of 1½ hours, Thursdays at 8:30 p.m., beginning October 8th. Arts Building. Fee $28.00. Class limited. Prerequisite: two or three years of Spanish studies, or equivalent.

This combined Third and Fourth year course includes advanced composition, the reading of short stories, novels and plays, a brief account of Spanish civilization, and modern Spanish idiom. Those who are in their Fourth Year of Certificate of Proficiency studies are required to do additional work as indicated below. *Texts:* Tarr and Centeno, *A Graded Spanish Review Grammar* (Appleton Century Crofts); Harrop, *Notes on Spanish Pronunciation;* Levy, *Present-Day Spanish* (Dryden); Alarcón, *El Capitán Veneno* and *El sombrero de tres picos* (Austral); Turk and Brady, *Cuentos y comedias de América* (Houghton, Mifflin); Marín Molina, *La vida española* (Bell). *Additional text for 4th Year*: Benavente, *La malquerida* and *La noche del sábado* (No. 84 Colección Austral). Fourth Year students also study the history of the 19th Century novel in Spain. *Recommended reference book:* Angel del Río, *Historia de la literatura española, Vol. II* (Dryden).

LITERATURE

SPANISH

L9-1. SOME SPANISH LITERARY MASTERPIECES (in English translation or in the original Spanish). Dr. Monica Harvey. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 13th. Arts Building. Fee $15.00.

Syllabus: Lectures and discussions in English on the following themes: (a) Don Quixote and knight errantry—the highlights of the novel and significance of this classic today; (b) the "Gaucho" in South American literature; (c) Garcia Lorca and his theatre. *Texts:* Cervantes, *Don Quixote* (Penguin), translated by Levy; Güiraldes, *Don Segundo Sombra* (Penguin), translated by Harriet de Onis; Garcia Lorca, *Three Tragedies of Lorca* (New Directions). Those who read Spanish may study texts in the original Spanish: Cervantes, *Don Quijote* (Sopena); Güiraldes, *Don Segundo Sombra* (Contemporanea); Garcia Lorca, *Yerma, Bodas de Sangre,* and *La Casa de Bernarda Alba* (Contemporanea).

ENGLISH

L9-2. THE DEVELOPMENT OF THE ENGLISH NOVEL. Dr. Mary Winspear. 10 lectures of 1½ hours, Thursdays at 8:15 p.m., beginning October 8th. Arts Building. Fee $15.00.

Syllabus: The development of the novel as a literary form and social force in England in the eighteenth century; the literary and social background; growth of the reading public; precursors of the novel form; contribution of Richardson, Fielding, Sterne; the cult of domesticity; the hero and heroine of the sentimental novel as models for English society; some contrasts in the cult of sensibility in the French and German novel of the period.

L9-3. THE ART OF SHORTER FICTION. Professor Constance Beresford-Howe. 10 lectures of 1½ hours, Mondays at 8 p.m., beginning October 5th. Arts Building. Fee $15.00.

This course is designed to increase readers' understanding and enjoyment of the art of modern fiction. Under discussion and analysis will be four short novels: Ernest Hemingway, *The Old Man and the Sea;* Henry James, *The Turn of the Screw;* James Joyce, *The Dead;* Guy de Maupassant, *Ball-of-Fat;* and five short stories: Katherine Mansfield, *The Daughters of the Late Colonel;* Somerset Maugham, *Rain;* Kay Boyle, *Natives Don't Cry;* Franz Kafka, *A Hunger Artist;* Walter Van Tilberg Clark, *The Portable Phonograph.* The last period will be titled *Bad Fiction and How to Recognize It.* Emphasis throughout the course will be on the creative method of modern writers. Half of each lecture period will be devoted to group discussion of the works listed above.

LAW

LAW FOR THE LAYMAN. These courses are intended to cover in a very general and non-technical manner various legal problems which the ordinary citizen is apt to meet. The lecturer will endeavour to point out the problems and give certain suggestions as to what they really mean and how they should be dealt with.

L10-1. LAW FOR THE LAYMAN I. Mr. Alexander McT. Stalker. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 6th. Arts Building. Fee $15.00.

This course will deal briefly with the system of law obtaining in the Province of Quebec; the different Courts in the Province; what is involved in a lawsuit; the functions of the lawyer and his relationship to his client; ways of conducting business (partnership, corporations, etc.) and their advantages and disadvantages; registration of businesses; agency; some brief comments on taxation and bankruptcy; elements of obligations and contracts and some comments on negligence and its results.

L10-2. LAW FOR THE LAYMAN II. Mr. Alexander McT. Stalker. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning in January. Arts Building. Fee $15.00.

This course will deal particularly with the family, its status and members; marriage and divorce; property in the family; married women in the Province of Quebec; life insurance; gifts; estates and wills; succession duties; buying Real Estate, suggestions to follow and things to watch for.

MATHEMATICS

M1-1. ALGEBRA AND ANALYTICAL GEOMETRY. Professor Charles Fox. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 5th. Engineering Building. Fee $30.00. This course is intended for students preparing to write the C.P.E.Q. "Fundamentals of Engineering" examinations, although it is open to others interested.

Syllabus: Algebra—Indices, logarithms, quadratic equations, complex numbers, interest and annuities, graphs, series, permutations and combinations, binomial theorem, complex numbers, vectors, exponential series. *Analytical Geometry*—Rectangular and Polar co-ordinates, the straight line, circle, parabola and ellipse. *Text:* W. W. Elliot and Edward R. C. Miles, *College Algebra: A First Course* (Prentice-Hall).

M1-2. CALCULUS. Professor J. Lambek. 20 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 6th. Engineering Building. Fee $30.00. Prerequisite: Course M1-1, or equivalent.

Syllabus: Limits, functional notation, differentiation of elementary functions, derivatives of sums, products and quotients, maxima and minima, differentiation of trigonometric, exponential and logarithmic functions, geometric applications, differentials. Integration of standard functions, definite integrals, areas and volumes, geometrical and physical applications. *Text:* Middlemiss, *Differential and Integral Calculus* (McGraw-Hill).

M1-4. APPLIED MATHEMATICS. Professor P. R. Wallace. 20 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 7th. Physical Sciences Centre, 3450 University Street. Fee $35.00. Prerequisite: Course M1-2 and a course in Differential Equations.

This course deals with the mathematical methods of engineering: vector analysis, Fourier series and other expansions and their use in differential equations, and operational methods. A selection of basic problems arising

in engineering is treated, and the commonly occurring functions (e.g., Bessel functions and spherical harmonics) are studied. The course aims at extending the power of the graduate engineer to understand and use the mathematical techniques employed in the modern literature in radiation theory, circuit analysis, aerodynamics, etc. *Text:* Bronwell, *Advanced Mathematics* (McGraw-Hill).

M1-5. OPERATIONAL CALCULUS AND MATRIX ALGEBRA. Professor E. Rosenthall. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 5th. Engineering Building. Fee $35.00. Prerequisite: Elementary Calculus.

This course provides an introduction to operational methods in mathematics and topics in matrix algebra. Subjects covered will include the Fourier-Mellin Theorem; calculation of direct transforms; calculation of inverse transforms; impulsive functions; Heaviside's rules; transforms of periodic functions; applications of operational calculus to the solution of differential equations (ordinary and partial) which arise in dynamics, heat conduction, electromagnetic theory, linear networks, transient phenomena, etc. The fundamental rules of matrix algebra will be discussed and applications made to linear transformations, quadratic forms, eigenvalues, illustrated by problems from applied mathematics. *Text:* Churchill, *Operational Methods* (McGraw-Hill).

M1-6. PROBABILITY AND STATISTICS WITH ENGINEERING APPLICATIONS. Professor Waclaw Kozakiewicz. 20 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 6th. Engineering Building. Fee $35.00. Prerequisite: Differential and Integral Calculus.

Syllabus: Averages. Measures of dispersion. Binomial, Poisson and normal distributions. Correlation and regression. Large and small sample theories. Elements of analysis of variance. Principles of quality control. Engineering applications. *Text:* Paul G. Hoel, *Introduction to Mathematical Statistics* (Wiley).

M1-7. TRANSIENTS IN LINEAR SYSTEMS. Dr. G. J. Van der Maas. 20 lectures of 2 hours, Thursdays at 8 p.m., beginning October 8th. Carleton College, Ottawa. Fee $35.00. Prerequisite: Elementary Calculus.

MEDICAL

M2-1. CARDIOLOGY. Dr. Harold N. Segall, Dr. Albert W. Lapin, Dr. Joseph Wener, Dr. Louis Horlick. 20 lectures of 2 hours, Saturdays 11 a.m. to 1 p.m., beginning September 12th, Jewish General Hospital (Lecture Hall Nurses Residence), Cote des Neiges Road. Fee $30.00. Class limited to 50 medical practitioners.

The hour from 11 a.m. to 12 noon will be devoted to clinico-pathological correlations in cases of cardiovascular disease: the presentation of clinical and post-mortem data of one case will be followed by the study of an analagous case in a patient; the sounds and murmurs will be demonstrated with the aid of the electronic multiple outlet stethoscope. In the hour of 12 to 1 p.m., recent advances in electrocardiography and elementary introductions to ballistocardiography and vectorcardiography will be presented.

MUSIC (See also page 3908)

HISTORY AND APPRECIATION OF MUSIC. Mr. Jack Waud. Fee $15.00 per term of 10 lectures of 1½ hours. Conservatorium of Music, 3450 Drummond Street. The two series will be considered as one course if the student registers for both at the same time; in this case the fee will be $24.00 *and the regulations for single courses will apply.*

These courses will discuss the growth of music from 1600 to the present day. An explanation of the idioms, forms, harmonic and technical resources of the composer will be presented as an aid to the enjoyment of listening. Musical illustrations will be given by vocal and instrumental soloists and ensembles from the Conservatorium of Music, and by the use of records.

M3-1. HISTORY AND APPRECIATION OF MUSIC I: 1600 to 1800. Tuesdays at 8 p.m., beginning October 6th.

M3-2. HISTORY AND APPRECIATION OF MUSIC II: 1800 to the present day. Tuesdays at 8 p.m., beginning January 19th.

PHARMACEUTICAL SCIENCE

P1-1. MODERN PHARMACY. Lecturers from McGill Faculty of Medicine and Montreal hospitals. 20 lectures of 1½ hours, Wednesdays at 8:30 p.m., beginning October 14th. Physical Sciences Centre, 3450 University Street. Fee $24.00. Special leaflet on request.

Topics: Anti-cholinergics; new developments in polio, meningitis and encephalitis therapy; oral hygiene; drug addiction and alcoholism; civil defence; chemotherapy; hormones; cardiac drugs; antibiotics; therapy in rheumatology; anaesthetics; haematological agents; drug hypersensitivity; contagious diseases; newer vitamins; ophthalmic medication; drugs in cosmetics; gastro-intestinal medication; vaccine therapy.

PHILOSOPHY

P2-1. PHILOSOPHY OF RELIGION. Dr. Alastair McKinnon. 10 lectures of 1½ hours, Wednesdays at 8 p.m., beginning October 7th. Divinity Hall, 3520 University Street. Fee $15.00.

The course will deal with the problem of the existence and nature of the Divine. It will begin with an examination of the history of religious philosophy and will then proceed to treat of the nature of religious belief, the grounds for such belief and the nature of God and His relation to the world. These problems will be presented in such a way as to be of interest to the general public as well as to those engaged in educational and religious work.

P2-2. CHRISTIAN EXISTENTIALISM. Dr. Alastair McKinnon. 10 lectures of 1½ hours, Wednesdays at 8 p.m., beginning in January. Fee $15.00.

The purpose of the course is to present the currently important Existentialist philosophy, to represent it as an attempt within the sphere of philosophy to take seriously the fact of historical revelation and, finally, to examine its adequacy as a philosophy in which to express the Christian and, more generally, the religious interpretation of life. The lectures will be supplemented by the discussion of certain texts to be announced at the beginning of the course.

P2-3. GREAT PHILOSOPHICAL WRITINGS I: Spinoza's Ethics. Professor Cecil Currie. 10 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $20.00.

A reading and discussion course for those who already have some knowledge of philosophy and would like to pursue the subject further by means of a first-hand study of some of the great works of Western Philosophy. Each meeting will consist of a one-hour lecture followed by an hour of discussion. *Text:* John Wild, ed., *Spinoza Selections* (Scribner's).

P2-4. GREAT PHILOSOPHICAL WRITINGS II: Kant's Critique of Practical Reason. Professor Cecil Currie. 10 lectures of 2 hours, Tuesdays at 8 p.m., beginning in January. Fee $20.00.

A reading and discussion course for those who already have some knowledge of philosophy and would like to pursue the subject further by means of a first-hand study of some of the great works of Western Philosophy. Each meeting will consist of a one-hour lecture followed by an hour of discussion. *Text:* L. W. Beck, *Kant's Critique of Practical Reason* (University of Chicago Press).

PSYCHOLOGY

P4-1. INTRODUCTION TO PSYCHOLOGY. Professor D. Bindra. 20 lectures of one hour, Mondays at 6 p.m., beginning October 5th. Physical Sciences Centre, 3450 University Street. Fee $20.00.

This course will deal with human behaviour and how psychology tries to explain it; the relation of psychology to social problems, to education and medicine; perception, learning, memory, imagination, thought, motivation, emotion and emotional disturbance; intelligence and its measurement; personality and temperament. *Text:* Ruch, *Psychology and Life* (Scott, Foreman; in Canada, W. J. Gage & Co.).

P4-2. INTRODUCTION TO PSYCHOLOGY. Identical with the above. Time: 7 p.m. Applicants must indicate clearly, when registering, the class they wish to take.

P4-3. BUSINESS AND INDUSTRIAL PSYCHOLOGY. Professor G. A. Ferguson. 20 lectures of 1½ hours, Tuesdays at 6 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $24.00.

This is a survey course in the applications of psychological methodology to problems of business and industry; psychological aspects of industrial organization,employee attitudes and morale, employee testing and interview techniques, training, merit rating, wage and salary evaluation, fatigue and efficiency, industrial accidents, labour management relations, advertising and market research.

P4-4. PERSONALITY. Professor A. S. Luchins. 20 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 8th. Physical Sciences Centre, 3450 University Street. Fee $24.00.

Syllabus: The development of personality, with emphasis on problems of adjustment; relevant aspects of social psychology and abnormal psychology; principles of mental hygiene; case histories and contemporary techniques of personality analysis.

P4-5. CHILD PSYCHOLOGY. Dr. William R. Thompson. 20 lectures of 1½ hours, Tuesdays at 8:15 p.m., beginning October 6th. Physical Sciences Centre, 3450 University Street. Fee $24.00.

The course will be divided into two main parts. The first and major part will involve a survey of the physical, intellectual, linguistic and emotional development of the child from birth to adolescence. The second will consist of a discussion of various practical problems related to child motivation and adjustment; for example, breast-feeding versus

bottle-feeding, the value of nursery-school, reward and punishment, the neurotic child, etc.

PSYCHIATRY

P5-1. UNDERSTANDING OURSELVES. Dr. A. W. MacLeod. 10 lectures of 1½ hours, Thursdays at 8 p.m., beginning in January. Fee $15.00.

Starting with a study of the normal development of the emotional and social life of the individual, the course will continue with interpretation of problem situations so that the students may be helped to see for themselves what upsets them, what gives them satisfaction, what makes them tense and what relaxes them. Extensive use will be made of films and group discussion, and it is hoped that there will be an opportunity for advanced students to participate in actual group therapy sessions organized by Dr. Boag at the Allan Memorial Institute.

SOCIOLOGY

S1-1. INTRODUCTION TO SOCIOLOGY. Professor William A. Westley. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 6th. Arts Building. Fee $15.00.

Lectures and discussions will cover the social organization of the family, the community, occupations, slums, crime, and religious sects. The course will provide the student with insight into the social basis of individual conduct in many areas of modern society. *Text:* A. W. Green, *Sociology* (McGraw-Hill).

S1-2. THE INDIVIDUAL AND SOCIETY. Professor William A. Westley. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning in January. Fee $15.00.

This course will emphasize the social development of the individual from early childhood to his maturity and integration in the adult world. Lectures and discussions will cover the impact of the family, play groups, social classes, ethnic and religious background, and occupational career on the development of the person.

INCOME TAX

T1-1. CANADIAN INCOME TAX. Professor Kenneth F. Byrd. 20 lectures of 1½ hours, Mondays at 7:30 p.m., beginning October 5th. Physical Sciences Centre, 3450 University Street. Fee $24.00.

Syllabus: The law and practice of Canadian Income Tax, Dominion and Provincial. Preparation of assessments of individuals, partnerships and limited companies. Special consideration of deductions allowed and not allowed, capital cost allowances (depreciation), business losses, foreign tax allowance. Taxation of undistributed income of limited companies. Treatment of the income of estates and trusts. Taxation of non-residents. *Texts:* Gilmour, *Income Tax Handbook 1953-54* (DeBoo); *Income Tax Act Consolidated 1953* (Queen's Printer).

TRANSPORTATION

T3-1. TRANSPORTATION ECONOMICS: SOME PRACTICAL APPLICATIONS. Messrs. W. G. Scott, H. Shenton, C. Edsforth, G. R. Johnston and others. 20 lectures of 1½ hours, Mondays at 6 p.m., beginning October 5th. Physical Sciences Centre, 3450 University Street. Fee $24.00.

The course will be divided into two parts. The first part will consist of a consideration of the major economic principles applicable to the transportation industry. Such questions as the cost characteristics of the several forms of transportation; the economics of increasing and decreasing cost industries; the concept of elasticity of demand; the role which costs and demand play on transportation price policy; and pricing under conditions of competition, monopoly, and monopolistic competition will be considered.

The second half of the course will consider the extent to which these principles have a practicable application in modern transportation problems.

SCHOOL OF COMMERCE EVENING COURSES

The courses are as follows:

C161	Elements of Accounting	$40.00
C261	Accounting (Intermediate) Part I	45.00
C361	Accounting (Intermediate) Part II	45.00
C362	Intermediate Auditing	45.00
C461/2	Final Accounting and Auditing, Part I	65.00
C561/2	Final Accounting and Auditing, Part II	65.00
C231	Commercial Law	40.00
C111	Mathematics	40.00
E1-1	General Economics	30.00
C451	Fundamentals of Cost Accounting	25.00
C551	Advanced Cost Accounting	25.00
I 2-2	Industrial Management	28.00
I 3-3	Labour and Industrial Legislation	30.00
C241	Duties of Secretaries of Joint Stock Companies	25.00

FOR SEPARATE ANNOUNCEMENT GIVING FULL INFORMATION ON EVENING COMMERCE COURSES AND REGISTRATION, TELEPHONE THE EXTENSION DEPARTMENT, MA 9181, LOCAL 304.

SCHOOL OF COMMERCE EVENING COURSES

The courses are as follows:

C101 Elements of Accounting $10.00

C201 Accounting (Intermediate) Part I 15.00

C301 Accounting (Intermediate) Part II 45.00

C302 Intermediate Auditing 45.00

C101/2 Final Accounting and Auditing, Part I 65.00

C501/2 Final Accounting and Auditing, Part II 65.00

C231 Commercial Law 10.00

C111 Mathematics 10.00

E111 General Economics 20.00

C151 Fundamentals of Cost Accounting 25.00

C551 Advanced Cost Accounting 25.00

I 2-2 Industrial Management 25.00

I 2-3 Labour and Industrial Legislation 20.00

C241 Duties of Secretaries of Joint Stock Companies 25.00

FOR SEPARATE ANNOUNCEMENT GIVING FULL INFORMATION ON EVENING COMMERCE COURSES AND REGISTRATION, TELEPHONE THE EXTENSION DEPARTMENT, MA 9181, LOCAL 304.

McGILL UNIVERSITY

McGILL UNIVERSITY

Coat-of-Arms

THE PATENT of ARMS for McGill University, which was granted by the Garter-King-at-Arms in 1922, provides for a coat of arms which is heraldically described as follows:

> *"Argent three Martlets Gules, on a chief dancette of the second an open book proper garnished or bearing the legend 'In Domino Confido' in letters Sable between two crowns of the first. Motto: 'Grandescunt Aucta Labore'."*

The three red martlets on a silver ground are taken from the arms of James McGill, with the colours reversed, while the motto on the open book, "In Domino Confido" (In God I trust), was originally his personal motto. The open book itself, which is naturally drawn against a red background and trimmed in gold, is the heraldic symbol of an institution of learning, while the three peaks at the top of the lower half of the shield represent the three mountains of Montreal. The silver crowns on either side of the book, which refer to the royal name of the city, are composed of fleur-de-lis to suggest its French origin, and the University motto, "Grandescunt Aucta Labore," may aptly be translated "By work all things increase and grow."

BUSINESS CENTRE AND PORT OF MONTREAL, AS SEEN FROM MOUNT ROYAL.

McGILL UNIVERSITY

MONTREAL, CANADA

Faculty of Arts and Science

FRENCH

SUMMER SCHOOL

Director

PROFESSOR J. E. L. LAUNAY

30th June - 11th August

1953

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

ADMINISTRATIVE OFFICERS

Chancellor of the University:

B. C. GARDNER, M.C., D.C.L. (Bishop's), LL.D.

Principal and Vice-Chancellor of the University:

F. CYRIL JAMES, Chevalier de la Légion d'Honneur, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D. de l'U. (Montréal), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, the Punjab, Birmingham, New York, etc.), F.R.S.C.

Dean of the Faculty of Arts and Science:

H. N. FIELDHOUSE, M.A. (Oxon. and Sheffield), F.R.S.C.

Director of the French Summer School:

J. E. L. LAUNAY, B.-ès-L., Licencié-ès-Lettres (Paris), Diplômé d'Études Supérieures (Paris), Certificat d'Aptitude à l'Enseignement dans les Lycées, Agrégé de l'Université de France; Professor of French Language and Literature and Chairman of the Department of Romance Languages

Assistant Director of the School:

MME. L. TOUREN-FURNESS, B.-ès-L., Licenciée-ès-Lettres (Paris); Associate Professor of French

Comptroller and Executive Assistant to the Principal:

S. H. DOBELL, D.S.O.

Bursar of the University:

WILLIAM BENTLEY, C.G.A., F.C.I.S.

Registrar of the University:

T. H. MATTHEWS, M.A., LL.D.

Chief Accountant:

G. A. GRIMSON, B.Com.

Secretary of the French Summer School:

MISS C. JOYCE COLLINS, B.A.

OFFICERS OF INSTRUCTION

Jean E. L. LAUNAY, B.-ès-L., Licencié-ès-Lettres (Paris), Diplômé d'Études Supérieures (Paris), Certificat d'Aptitude à l'Enseignement dans les Lycées, Agrégé de l'Université de France; Professor of French Language and Literature and Chairman of the Department of Romance Languages, McGill University; *Director of the School*

Mme. L. TOUREN-FURNESS, O.I.P., B-ès-L., Licenciée-ès-Lettres (Paris), Associate Professor of French, McGill University; *Assistant Director of the School*

Mlle. Maria KOSKO, B.-ès-L., Licenciée-ès-Lettres (Poznan), Diplômée de l'Institut des Hautes Études Internationales (Faculté de Droit, Paris), Docteur de l'Université de Paris, Lauréate de l'Académie Française; Assistant Professor of French, Connecticut College for Women, New London, Conn.

Mlle. Elizabeth LA MOTHE, Diplômée d'Études Supérieures de Lettres (Université de Montréal); Teacher of French, Trafalgar School, Montreal

George LITTLE, L. Mus, B. Mus. (Dalhousie), Mus. Bac. (Toronto); Lauréat du Conservatoire National de Musique de Paris; Organist and Choirmaster, Erskine and American Church, Montreal; Conductor, Canadian Broadcasting Corporation

Pierre C. NARDIN, B.-ès-L., Licencié-ès-Lettres (Nancy), Diplômé d'Études Supérieures (Besançon), Agrégé de l'Université de France, Docteur-ès-Lettres; Professor of French Language and Literature, McGill University

Mlle. Marie-Thérèse REVERCHON, B.-ès-L., Licenciée-ès-Lettres (Paris), Diplômée d'Études Supérieures (Paris), Certificat d'Aptitude à l'Enseignement dans les Lycées, Agrégée de l'Université de France; Lecturer in French, McGill University

André A. RIGAULT, B.-ès-L., Licencié-ès-Lettres (Paris), Diplômé d'Études Supérieures (Paris), Diplômé de l'École de Préparation des Professeurs de Français à l'Étranger (Paris), Diplômé de l'Institut de Phonétique de l'Université de Paris; Assistant Professor of French, McGill University

Thaddé ROMER, Licencié-ès-Sciences Politiques et Sociales (Lausanne); Lecturer in French, McGill University

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In addition to the regular Resident Staff, Assistant Instructors will be appointed as necessary, in order to keep classes down to a size compatible with maximum teaching efficiency.

GROUP LEADERS

The *French Song Groups* will be under the direct supervision of M. George Little.

The *French Dramatic Group* will be under the direct supervision of M. André Rigault.

The Editor of *Chantecler* (the weekly French paper produced by the Staff and Students of the School) will be M. Pierre Nardin.

VISITORS

As in the past, the School will have the honour of entertaining French diplomatic representatives and other distinguished French and Canadian men and women residing in or passing through Montreal. All students will have an opportunity of conversing with the visitors and asking them questions on subjects of topical interest.

The School extends a cordial invitation to American University Professors of French who may be spending their vacations in Canada, and to their Canadian colleagues. They will always be welcome at the School, and the Director will be glad to authorize them to attend any lectures in which they may be interested, or, if space permits, to spend a few days in the refreshing atmosphere of the French House.

"MONTRÉAL, — UNE GRANDE MÉTROPOLE D'UN MILLION ET DEMI D'HABITANTS, DONT LES DEUX-TIERS SONT DES CANADIENS DE LANGUE FRANÇAISE . . . CE N'EST PAS SANS RAISON QUE L'ON A PU DIRE: MONTRÉAL EST LA PLUS GRANDE VILLE DE FRANCE APRÈS PARIS."

THE FRENCH SUMMER SCHOOL OF McGILL UNIVERSITY

The McGill French Summer School is an old-established institution. Its first session dates back to 1907 and it has functioned uninterruptedly since 1919. It is the only School conducted on the McGill campus during the summer. An integral part of the Faculty of Arts and Science, its credit-carrying courses are of college and university standard, leading to graduate degrees in French.

THE UNIVERSITY AND ITS CULTURAL ENVIRONMENT

McGill University was established by Royal Charter in 1821 and carries on, in Canada, British traditions of education. It is situated in Montreal, the largest city of the historic Province of Quebec, where the language and much of the culture of Old France persist. Montreal is a modern cosmopolitan city, too, the centre of an active and growing contemporary culture which expresses itself in a distinctive literature and art.

The French Summer School of the University enjoys great advantages in consequence of its situation in Montreal and French Canada. Nowhere save in the Province of Quebec can we find on the North American continent a community that uses French as its native tongue, finds its inspiration in French literature and drama, and obtains its daily news from French newspapers and French radio announcers. The environment naturally has a French atmosphere.

THE AIMS OF THE SCHOOL

The School is designed for all who desire to take courses of lectures on French thought, literature, or civilization, *and at the same time gain a practical working knowledge of the language.*

University or college undergraduates may take lectures and language courses which are equivalent to regular college courses. University graduates and teachers of French desirous of perfecting their knowledge of the language and literature have an opportunity to take advanced courses of graduate standard. Those who desire to study for a Master's degree at McGill University itself without being able to attend the regular winter sessions of the University are offered a programme which can be spread over four summers and which, when supplemented by the regular thesis in French, leads to the McGill M.A. degree.

Besides those with such professional interest, there are many who love the language and literature of France for its own sake and wish to continue studying the subject in favourable surroundings. The School accommodates these persons in its courses insofar as they are qualified for the particular courses they wish to take.

FEATURES OF THE 1953 SESSION

1. *Residence*

After a three years' lapse, the French Summer School returns to its earlier home, attractive Douglas Hall, which, from its unique position on the slope of Mount Royal, above the main University buildings, overlooks the city and the majestic St. Lawrence. (A more detailed description of the Hall will be found under THE FRENCH HOUSE heading on page 4016).

2. *Language Practice Laboratory*

While the more advanced students will, as previously, use the equipment of the Phonetics Laboratory in the Arts Building, the less advanced, who need considerable aural-oral practice to acquire fluency, may avail themselves of the Language Practice Laboratory, which will, for their benefit, be set up in the Library of Douglas Hall. This laboratory will consist of silent turntables equipped with ear-phones allowing groups of three to work with the same record at the same time. Lessons which have been taught in the lecture room in the morning will be available in record form in the afternoon, and it is hoped that the laboratory will be in constant use. It is not intended to replace the voice of the instructor, but it will allow students doing their assignments constantly to associate the spoken with the written words. Experience has shown that this will speed their progress considerably.

All records will be cut by staff members, and some courses (for instance, Courses 1, 3, 4, and 13) will be recorded in their entirety.

3. *French Song Groups*

Mr. George Little who has now settled in Montreal will inspire and direct the French Song Groups. His enthusiastic approach to French via the medium of song is of the greatest artistic and practical value. Students who have attended previous sessions will recall the beautiful performances of the student choir under Mr. Little's baton. He has prepared a new collection of French-Canadian folk-songs, and all students are urged to voyage into the realm of French sounds and rhythm "on wings of song".

4. *Dramatics*

The School has always been noted for the polish and ingenuity of the production of their French plays, and all the students who acted in them have agreed that the experiment had considerably improved their confidence in the use of spoken French.

The benefits accruing from this should not be limited to a few advanced students, but should be available to the whole student body. To increase the possibility of gaining this valuable experience, a number of easy, short scenes will be offered by Section A and B students. They will be performed, arena-style, before the final examinations take place and it is hoped that students of all Sections will avail themselves of this opportunity of learning French "par la joie".

5. *Evening Lectures*

In order to give the students opportunities to listen to fresh voices and, at the same time, broaden their knowledge of the political and cultural background of present-day France, a number of evening lectures, open to students, guests, and friends of the School, have been arranged.

M. JEAN MOUTON, Agrégé de l'Université de France, Conseiller Culturel auprès de l'Ambassade de France à Ottawa, will again be a very welcome visitor at the School.

An art-critic of European repute, M. Mouton will discuss the evolution of the art of painting in France from 1850 to the present day. His talks will be illustrated with coloured slides and their subjects will be:

1. *Les origines de la peinture moderne*
2. *Corot*
3. *Seurat*
4. *Les tendances spirituelles de la peinture contemporaine*

The other evening lecturers will deal with some attractive aspects of their native France.

M. ROBERT GARRY, Professeur à l'Institut de Géographie de l'Université de Montréal, has chosen as his topic *La Garonne et sa Vallée* and M. ANDRE MALAVOY, Director of the French Government Tourist Bureau in Montreal will show pictures of some of the loveliest châteaux of the Loire valley in the course of his talk entitled *Au pays des amours de Ronsard.*

6. *The Quebec Excursion.*

The enthusiastic reponse to last year's excursion to Quebec has prompted a return of the same trip to this year's recreational programme of the Summer School.

Amidst gaiety and good humour, students and staff will again travel the historic route of the St. Lawrence to tour the ancient fortress city, the heart of New France since the days of Champlain, and still the spiritual and cultural centre of French Canada.

Overnight accommodation will be provided in Quebec, and students will be conducted through the Plains of Abraham and the old-world city by habitant guides who will not be tempted to lapse into English.

Also included in the week-end tour are stops at the famed shrine of Ste. Anne de Beaupré and at Montmorency Falls. A complete circuit of the Ile d'Orléans, still rustic and Normandy-like in landscape, will precede early Sunday evening departure for Montreal and return to the School.

Price of the Quebec excursion, covering transportation, accommodation and meal charges, will not exceed $15.00.

This will be the only excursion officially sponsored by the School and it will take place on July 18-19. As it requires considerable detailed planning, students are urged to make their reservations for it on Registration day.

THE THREE SECTIONS

The individual courses consist of three class sessions per week in the form of lectures and of small groups for language practice. They are arranged in three grades of increasing difficulty, designated respectively as:

SECTION A (Elementary)

SECTION B (Intermediate)

SECTION C (Advanced)

Courses in SECTION C are counted, in certain circumstances, toward the M.A. degree in French at McGill University (see page 4028).

For M.A. students special research colloquia may be arranged.

ADMISSION REQUIREMENTS

General: For the courses of each Section there are certain admission requirements which are described below in terms of college standing, but the School accepts any equivalent preparation through travel or residence

in France or through private study. NO BEGINNERS ARE ADMITTED, since a working, even if limited, knowledge of the language is required for admission to Section A. On the day of registration each student is interviewed by members of the teaching staff who recommend the section and the courses for which he is best prepared.

Section A (Elementary):

Candidates are normally required to have completed two years of high school French, or one year of College French, or the equivalent.

Section B (Intermediate):

Candidates are normally required to have second or third year college standing. They must have a fair knowledge of French grammar, a working vocabulary of 1200 to 1500 words, and some degree of facility in the spoken language.

Section C (Advanced):

Candidates are normally required to have fourth year college standing. They must have the ability to speak French fluently and have a general knowledge of French literature.

OPENING DATE

The School will open on Tuesday, June 30, and close on Tuesday, August 11.

Students in residence at the French House will be permitted to spend the night of June 29-30 in the residence *provided* they give due notice to the School Secretary and arrive between 5 P.M. and 10 P.M. on June 29.

No meals will be served before breakfast on June 30.

REGISTRATION

Registration will take place in the Arts Building, on Tuesday, June 30.

Students will register according to the following schedule:

Students in residence at Douglas Hall:

(*a*) *Section A students* will register on the morning of June 30 from 9.30 A.M. to 12.30 P.M.

(*b*) *Section B and Section C* students will register on the afternoon of June 30 from 2.30 P.M. to 5.30 P.M.

Non-resident Students:

All non-resident students will register on the morning of June 30 from 9.30 A.M. to 12.30 P.M.

Lectures will begin at 9 A.M. on Wednesday, July 1. The Opening Ceremony will take place in the evening of Tuesday, June 30, in the drawing-room of Douglas Hall (French House).

Special arrangements will be made for teachers who are unable to leave their duties in time to reach Montreal for registration on the first day, provided they give due notice of the delay in their arrival.

FEES

Tuition fee for full-time students	$125
Residence (room and board)	160
Fee for a three-hour course taken as a partial course	30
Deposit fee required on application and afterwards deducted from total fee	25
Quebec excursion (optional) ..... will not exceed	15

FEES ARE PAYABLE IN CANADIAN FUNDS. As the Announcement goes to press, the rate of exchange is approximately 97 Canadian cents to one U.S. dollar.

Students should pay all fees in cash or by cheque drawn on a Canadian Bank at the time of registration.

After registration has taken place, no fees will be refunded to any student who:

(*a*) leaves the School without permission of the Director or Assistant Director;

(*b*) is dismissed from the School by the Dean.

Should a student's presence be required at home during the session (in case of illness or domestic affliction), he must first obtain permission to leave from the Director or the Assistant Director. A refund of fees will later be arranged according to the circumstances of each individual case.

FEES FOR M.A. STUDENTS (see page 4030)

CORRESPONDENCE

All correspondence concerning the French Summer School should be addressed to the Secretary, French Summer School, Arts Building, McGill University, Montreal 2, Canada.

APPLICATION FORMS AND DEPOSITS

Application for admission should be made on a form obtainable on request from the Secretary.

APPLICATIONS, ACCOMPANIED BY A LETTER OF RECOMMENDATION AND A DEPOSIT FEE OF $25.00 IN CANADIAN FUNDS, SHOULD BE RECEIVED BEFORE JUNE 15. The deposit fee will subsequently be deducted from the candidate's fee. It may be withdrawn on or before that date. In case of cancellation after June 15, it will be held until the following session, after which it will be forfeited.

Students intending to stay in the French House should apply as early as possible.

VETERANS

The School has been approved as one of the recognized institutions where U.S.A. and Canadian Veterans may continue their studies. The School tuition fees will therefore be paid by the Department of Veterans' Affairs provided that:

(*a*) U.S. students obtain a Certificate of Eligibility from their local Veterans' Administration Agency.

(*b*) Canadian students obtain a Certificate of Eligibility from their local D.V.A. representative.

The Certificate of Eligibility should be delivered to the Cashier at the time of registration. Failing this, the fees must be paid in full, subject to refund when the Certificate is received.

Veterans in residence will be required to pay the $25.00 deposit fee, which will be deducted from the residence charge as the latter will NOT be paid for by D.V.A.

STATUS OF STUDENTS IN THE SCHOOL

(1) FULL-TIME STUDENTS: those paying the full tuition fee and taking the number of courses necessary to qualify for the Certificate.

(2) PARTIALS: those registering for fewer than five courses.

M.A. STUDENTS are considered as full-time throughout the four sessions leading to the degree, since they pay the full tuition fee.

A partial student may not hold a scholarship.

Full-time students receive priority in room reservation. Partials may be accommodated in the French House only after the registration of regular students has been completed and if space permits.

SCHOLARSHIPS AND PRIZES

The School offers a limited number of scholarships, the value of which usually varies from $75.00 to $125.00. The French Government offers, in addition, two scholarships of $100.00 each.

These scholarships are open only to those students who:

(a) are qualified to enter *Sections B or C.*

(b) undertake to reside at the French House for the session, and to take the courses and final examinations necessary for the French Summer School certificate.

Applications for scholarships should reach the School Secretary on or before May 30. Each application should be supported by

(a) an official transcript of grades sent by the Registrar of the institution attended by the applicant;

(b) TWO confidential letters of recommendation sent *direct* to the Director of the School.

Successful applicants will be notified before June 10.

At the School Closing Exercises, a number of book and other prizes will be awarded to students obtaining the highest grades in the final examinations.

FINAL EXAMINATIONS

A final examination is held in each course at the end of the session. Students are strongly recommended to take the final examinations, which are open to partial as well as to full-time students.

Students who fail to write examinations receive no marks, and their work and progress at the School cannot be assessed formally.

No substitute examinations can be arranged in any circumstances whatever.

THE FRENCH SUMMER SCHOOL CERTIFICATE

The curriculum leading to the FRENCH SUMMER SCHOOL CERTIFICATE in any of the three Sections is a definite programme of study which always includes practical work with the language. It aims at building an organized knowledge of the major aspects of the subjects. At the same time it is sufficiently flexible to be adapted to the previous training, aptitudes, and interests of individual students. For this reason members of the Staff advise each student at Registration. Their guidance is also available to those who do not wish to try for the Certificate.

The Certificate is a document bearing the signatures of the Dean of the Faculty of Arts and Science, the Registrar of the University and the Director of the School. It is a record of the courses taken and the grades obtained in the final examinations.

In order to qualify for the Certificate:

Students in Section A must *take and pass* 6 examinations (5 if they have taken Course 1).

Students in Section B must *take and pass* 6 examinations.

Students in Section C must *take and pass* 5 examinations.

A First Class Certificate is awarded for results averaging not less than 80%.

A Second Class Certificate is awarded for results averaging between 79% and 65%.

A Third Class Certificate is awarded for results averaging between 64% and 50%.

STATEMENTS OF EXAMINATION RESULTS

Students failing to qualify for a Certificate (either because they took less than the prescribed number of examinations, or because they failed in one or more examination) receive a STATEMENT OF EXAMINATION RESULTS. This is a document signed by the Director of the School which lists the examinations passed by a student. Failures are not listed.

ACADEMIC CREDITS

Credits may be transferred from the French Summer School to other institutions, usually on the basis of one semester hour for each course taken.

Application for transfer of credits should be addressed to the Registrar of the University, who will forward an official transcript of French Summer School grades on payment of a fee of $1.00. Students who intend to apply such credits towards a degree are recommended to obtain the consent of their own institution to the transfer of French Summer School credits before joining the School.

ACADEMIC CREDIT FOR McGILL STUDENTS

McGill students may, in certain circumstances, and by taking a prescribed set of French Summer School courses, obtain credit for a First or a Second year French course taken during the regular session in the Faculty of Arts and Science.

McGill students wishing to avail themselves of this opportunity *must*, before completing registration, first obtain permission from the Dean of the Faculty.

THE FRENCH HOUSE

The residence used as a French House during the 1953 session of the School will be Douglas Hall (postal address—3851 University St.).

Douglas Hall is a handsome stone residence of modern design, consisting of eight adjoining "houses" opening on a tree-shaded lawn, in the style of an English country house. It is pleasantly cool in the summer and adjoins playing fields and a large public park. It contains among other amenities a stately Tudor dining-hall, a spacious common-room, a library, and games rooms.

Men and women students will be accommodated in different "houses". They will have single study-bedrooms. The latter are grouped in suites of three or five, each suite having its own sitting-room.

There are a few double rooms. These will be allotted last unless specially requested, and no reduction of residence fee will be made to their occupants.

All rooms are completely furnished. Linen, towels and blankets are provided.

Meals (breakfast, luncheon, and dinner) will be served on the cafeteria system every day, including Sunday, and will be under the supervision of a qualified dietitian.

All members of the staff will be in residence and will associate freely with students at meals, in the Common Rooms, and in extra-curricular activities. This constant, helpful, and friendly relationship between students and staff is one of the most valued features of the School and the benefits derived by the students from such informal education cannot be too strongly emphasized.

HEALTH SERVICE

Students in residence in the French House will have the benefit of the University Health Service for counselling and guidance. For emergencies recourse can be had to the Royal Victoria Hospital clinic which adjoins Douglas Hall. Referral to a private physician for other treatment will be arranged.

But the School cannot assume any responsibility for medical treatment. In case of illness, the student concerned will be required to pay his medical and hospital fees.

CARS

Sufficient parking space will be available on the terrace fronting on Douglas Hall, and resident students will be supplied with parking permits as necessary.

ARRANGEMENTS FOR STUDY AND RECREATION

Regular lecture classes are held in the Arts Building, in the centre of the University campus.

The mornings are devoted to lectures from 9 A.M. to 1 P.M. *Students are required to attend all the lectures for which they have registered.*

The afternoons are free for private study and recreation. However, students *should* attend:

The *French Song Groups*, directed by Mr. George Little, which will meet every week day in the Common Room at 2 P.M.

Monday and Wednesday meetings will be exclusively for Section A students.

Tuesday and *Thursday* meetings will be for Section B and Section C students only.

The School Choir (which all interested students may join) will meet on *Friday*.

Some afternoons will be set apart for conducted visits through the French district of Montreal, the French-Canadian Université de Montréal, and points of interest in and out of the city.

During the evenings there will be:

EACH WEEK: A special lecture
A concert of recorded French music
A showing of French movies

DURING THE SESSION: A students' concert
A treasure-hunt
Two or three evenings of French dramatics

In addition, the City of Montreal offers a number of popular attractions, such as the weekly open-air "Concerts Symphoniques" given in the evening on Mount Royal and scores of French restaurants and motion-picture theatres.

For those with a taste for athletics, the University tennis courts and swimming-pool are available on payment of a small fee. (*Note: Whites are required for tennis and no woollen bathing-suits are allowed in the pool.*) The Laurentian Mountains, one of Canada's noted summer play-grounds, are within easy reach by car or train for students who would like to spend short week-ends there.

Those who wish to attend religious services with a French congregation will find both Protestant and Roman Catholic churches within easy walking distance of Douglas Hall.

USE OF FRENCH

Since the French Summer School aims at creating and preserving the spirit and the atmosphere of a French University best suited to needs of originally English-speaking students, it is natural that French should be the language spoken, to the exclusion of all others.

THE EXCLUSIVE USE OF FRENCH *AT ALL TIMES*, IN AND OUT OF CLASS, AND ESPECIALLY IN THE FRENCH HOUSE, IS THEREFORE *ABSOLUTELY COMPULSORY*.

On registering, students will sign a form pledging them to the *NO ENGLISH RULE* for the duration of the session. This rule will come into force immediately after the conclusion of the Opening Ceremony, on 30 June. The rule means that students are in honour bound to speak French when conversing among themselves as well as when talking to the staff. It should not even be necessary to depart from the rule when visiting or shopping in the city of Montreal where French is universally spoken.

The rule may be relaxed in special cases only (illness, visits from and to relatives, or when matters of special importance must be attended to urgently).

The co-operation of all students is expected in maintaining the *NO ENGLISH RULE*. Those who may be doubtful about their ability to keep it strictly should remember that the effort required of them will be less and less as the session progresses. They should bring with them such helps as vocabularies, conversation books, and pocket dictionaries, which will be very useful for the first few days. However, they will soon find that they can dispense with them. As their command of spoken French improves rapidly, they will experience a feeling of achievement, and the greater their enthusiastic adherence to the rule, the better and quicker their progress.

Telephone calls involving the use of English are forbidden in the residence, nor can friends unable to speak French be entertained in the French House.

Students should, in their own interest, refrain from reading English newspapers (seven French newspapers are published in Montreal), and listening to radio broadcasts in English (there are four French-speaking radio stations in Montreal).

Any student who persists in breaking the *NO ENGLISH RULE* will be brought before the Dean of the Faculty of Arts and Science, who may dismiss him from the School.

REDUCED RAILWAY FARES

Arrangements have been made whereby students may obtain reduced fares from all points in Canada. Students wishing to avail themselves

of this reduction should buy a single ticket and obtain at the same time a "Standard Certificate". This certificate must then be signed by the Director of the School. On presenting it at the railway ticket office, students may obtain a return coupon at the reduced fare (one-third of the cost of a one-way ticket).

U.S. students from the Great Lakes area will find it advantageous to break their journey at the Canadian border so that they may avail themselves of the reduced fare for the remainder of their passage to and from Montreal.

BAGGAGE

The following is an extract from a memorandum (Series D, No. 12, Supplement No. 1, 15th January, 1936) of the Department of National Revenue, Customs Division:

> "Radios, phonographs, musical instruments and other effects for personal and sporting use, not ordinarily entitled to entry free of duty as travellers' baggage, may be admitted without payment of duty and without deposit provided they are reported to the Customs Office and provided that these articles are imported for the use of the students themselves and will be exported under Customs supervision immediately after the closing of the School."

IMMIGRATION REQUIREMENTS

Students who are not residents of Canada should bring with them for presentation to Canadian Immigration officers the letter informing them that they have been admitted to the School for the 1953 session.

United States citizens should carry some documents of identification such as old passports, birth or baptismal certificates, tax bills, and similar papers in order to facilitate their return to their country.

Students who are citizens of the United States by naturalization should carry their naturalization certificates, and those who have not acquired such status should present evidence that they are legally in the United States and that they will be allowed to re-enter that country after their temporary stay in Canada.

BANKING ARRANGEMENTS

It is recommended to out-of-town students that they bring letters of credit or use traveller's cheques, rather than draw ordinary cheques on their home banks.

COURSES OF INSTRUCTION

SECTION A

Students wishing to qualify for the Certificate must take not less than *six* courses. Course 1, being a six hour course, will be counted as equivalent to two normal courses. Students taking Course 1 need include in their curriculum 4 other courses only.

1. LIVING FRENCH : A NEW ORAL-AURAL APPROACH TO SPOKEN FRENCH

This basic course aims at:

(*a*) developing the student's familiarity with the sounds and rhythms of the French spoken in everyday life by well-educated French people;

(*b*) building up a comprehensive, organized knowledge of the vocabulary which recurs most frequently in polite conversation;

(*c*) increasing the student's general fluency in speaking French by individual and group practice under experienced specialists.

All Section A students who, at the time of registration, experience difficulty in understanding French when spoken slowly are recommended to take this course. The size of the classes will be strictly limited and students will be grouped according to their proficiency.

Recorded material for this course will be available at the Practice Laboratory.

Mon., Tues., Wed.,
Thurs., Fri., Sat. at 9.

Mlle. La Mothe
Mlle. Reverchon
M. Romer

2. FUNCTIONAL GRAMMAR

This course, which will consist of oral and written work, will include:

(*a*) a revision of the rules of French grammar which the average student generally finds somewhat difficult to master (e.g. use of tenses, especially infinitive and subjunctive, relative pronouns, past participles, etc.);

(*b*) written translation work from English into French for the purpose of general grammar review.

Mon., Wed., Fri. at 10.

Mlle. La Mothe
M. Romer

3. EVERYDAY WORDS AND PHRASES

A systematic study of vocabulary selected for its practical value. Special emphasis will be laid on the fitting of new phrases into the pattern of conversation. Students taking this course will be supplied with vocabulary and phrase list by the School.

Recorded material for this course will be available at the Practice Laboratory.

Tues., Thurs., Sat. at 10. — Mlle. REVERCHON, M. ROMER

4. PHONETIC DICTION : FRENCH SOUNDS AND RHYTHMS IN PROSE AND VERSE

The object of this course is to improve the student's pronunciation and intonation through the learning and repetition of carefully graded passages of conversational and literary French. Students taking this course will also study, rehearse, and act short plays and sketches especially written for the School.

Recorded material for this course will be available at the Practice Laboratory.

Tues., Thurs., Sat. at 11. — Mlle. KOSKO, M. LAUNAY

5. MODERN FRENCH PROSE

The purpose of this course is to improve a student's ability to read quickly, yet accurately, modern French prose of quality. The course is recommended to students who will require later on a good reading knowledge of French.

Mon., Wed., Fri. at 11. — Mme. FURNESS, Mlle. KOSKO

6. LANDMARKS IN 19TH CENTURY FRENCH LITERATURE

This course is specially designed for college students. It will be given in lecture form and will require a somewhat higher standard of aural comprehension than the courses listed above. It will *not* be a general survey course, but will be a vivid presentation of the outstanding literary figures of the period.

Tues., Thurs., Sat. at 12. — M. RIGAULT

7. LET'S SING IT!

This course is based on the motto: "If you can't say it, sing it!" It provides a pleasant and efficient way of getting familiarized with spoken

French in all its aspects—correct vocabulary and sentence construction, easy rhythm and pronunciation. The use of singing methods and dramatization of folksongs give an original and lively solution to the problem of perfecting one's oral French.

Mon., Wed., Fri. at 12.15. M. LITTLE
(Douglas Hall Common Room)

SECTION B

Students wishing to qualify for the Certificate must take not less than *six* courses and include in their curriculum either Course 10 or Course 11 or both.

LANGUAGE COURSES

10. TRANSLATION AND FREE COMPOSITION

The purpose of this course is:

(*a*) to review grammar by means of graded translation into French;

(*b*) to develop fluency in written French by practising the forms of writing which students are most likely to need (letters, reports, essays, etc.).

Mon., Wed., Fri. at 11. Mlle. LA MOTHE
M. ROMER

11. ORAL PRACTICE IN SELF-EXPRESSION

This course will consist of prepared discussions on assigned subjects with special emphasis on correct sentence building and on accuracy in the use of an idiomatic vocabulary.

Tues., Thurs., Sat. at 10. Mlle. Kosko
Mlle. LA MOTHE

12. FRENCH PHONETICS

An elementary but attractive study of French sounds and of their rendering in the symbols of the International Phonetic Alphabet. The course will include periods of intensive practice in the afternoons when correction of individual speech defects will be given special attention. Students will have at their disposal up-to-date phonetic equipment and recording machines of various types. This course will be given at two different hours to allow a greater number of students to fit it into their individual time-tables.

Mon., Wed., Fri. at 9.
Mon., Wed., Fri. at 10. M. RIGAULT

13. DICTION

This popular course aims at a better appreciation of the æsthetic qualities of French used orally in prose and in verse. It will feature a number of special exercises designed to correct defects in pronunciation and intonation.

Recorded material for this course will be available at the Practice Laboratory.

Mon., Wed., Fri. at 9. M. LAUNAY
M. NARDIN

14. EXPLICATION DE TEXTES

This course is an introduction to the analytic French approach to the detailed study of literature. The method will be demonstrated and practised on selected passages of high literary and artistic quality. As the course bridges the gap between language and literature courses, College students majoring in French will find it both helpful and stimulating.

Tues., Thurs., Sat. at 9. MME. FURNESS

LITERATURE AND CIVILIZATION COURSES

20. CORNEILLE OU RACINE?

A nodding acquaintance with the classical tragedy cannot suffice the conscientious student of French. The masterpieces of Corneille and Racine deserve a closer study. Because of their intrinsic perfection and because they still are the staple diet of French education, they have largely contributed to shaping the French artistic and philosophical outlook. A careful reading and a leisurely re-reading of them will be found most rewarding.

Readings: Corneille—*Le Cid*
Polyeucte
Racine—*Andromaque*
Phèdre

Tues., Thurs., Sat. at 10. Mme. FURNESS

21. ESPRIT, RAISON ET SENTIMENT AU XVIIIe SIÈCLE

Through the readings listed below, this course proposes to give the student as accurate an idea as possible, within the short space of time

allotted, of the literary and philosophical trends of the Age of Enlightenment which shaped the modern world.

Readings: Montesquieu—*Lettres Persanes* (Col. Les Classiques pour tous—Hatier Ed.)

Voltaire—*Oeuvres philosophiques* (Classiques Larousse)
J. J. Rousseau—*La Nouvelle Héloïse* (Classiques Larousse T. 1.)

Mon., Wed., Fri. at 10. M. NARDIN

22. LE ROMAN RÉALISTE AU XIXe SIÈCLE

The realistic novelists of the 19th century, besides producing masterpieces in their own right, paved the way towards the development of the novel as the all-embracing genre which it has become today.

Readings: Representative selections, mainly from the novels of *Balzac, Stendhal,* and *Flaubert.*

Mon., Wed., Fri. at 12. Mlle. KOSKO

23. PARNASSE ET SYMBOLISME

This course offers a survey of the two opposing Schools of poetry in the latter half of the 19th century and the beginning of the 20th.

Readings: Representative selections from *Leconte de Lisle, J. M. de Hérédia, A. Rimbaud, Baudelaire, Verlaine, and Mallarmé.*

Tues., Thurs., Sat. at 11. Mlle. REVERCHON

24. LE TROISIÈME ÂGE D'OR DE LA MUSIQUE FRANÇAISE

This course is designed to acquaint students with the evolution of French music from 1850 to the present day. It will be illustrated with records and, whenever possible, with the collaboration of the students themselves. It adds an important factor to the appreciation of French culture in this period and will contribute to the understanding of artistic life in France today.

(With permission of the Director, this course is open to Section C students)

Tues., Thurs., Sat. at 12.15. M. LITTLE
(Douglas Hall Common Room)

SECTION C

Students wishing to qualify for the Certificate must take not less than *five* courses.

M.A. students must take certain courses listed on page 4029.

Language Courses

30. FRENCH STYLISTICS

While stylistics is a relatively new province of the vast field of linguistics, experience has shown that students of graduate calibre desirous of writing French with better than textbook accuracy derive great benefit from a serious study of it.

The complexity of the subject would however make a survey of it comparatively useless. Details must be gone into and, for that reason, the substance of the course has been evenly divided between 30(a) and 30(b), both of them full courses which will be offered in alternate years.

30(a) which deals with homonymy, synonymy, comparisons, images, the uses of various figures of speech, and the syntax of informal French, will be given in 1953.

30(b)—to be given in 1954—will offer a review of the "levels of speech" and through a close study of selected modern prose passages, analyse the means devised by creative writers to clothe their ideas and feelings in a truly artistic and literary garb.

This is a compulsory course for M.A. students, and those who have not taken *Course 30* in a previous year will be required to take both *30(a)* and *30(b)* over two separate years.

30(a) will be given
Tues., Thurs., Sat. at 11. M. Nardin

31. ADVANCED COMPOSITION

An intensive seminar in translation from English into French. The passages translated will be taken from modern English and American writers. Written work will be assigned for each class and will be individually corrected. The size of the class will be limited to a small group.

Mon., Wed., Fri. at 10. M. Launay

32. ADVANCED PHONETICS

This course is open to students who have passed Course 12 (listed as Course 14 in 1948) or its equivalent.

Review of the formation of French sounds and the laws governing their occurrence. Dynamics of speech (vocalic harmony, assimilation, laws of accentuation and intonation). Experimental demonstrations and checking of students' speech with chymograph, pneumograph, and voice mirror. Practice periods in the afternoons.

The course is recommended to teachers of French who wish to become familiar with the latest equipment.

Mon., Wed. Fri. at 11. M. RIGAULT

COURSES IN LITERATURE AND CULTURE

40. LA POÉSIE HUMANISTE AU XVIe SIÈCLE

Tant que l'on se plaira à dire des vers dans la langue française, on n'oubliera ni Ronsard ni du Bellay. En admirant les beaux présents que les poètes de l'Ecole de la Pléïade ont faits au lyrisme français, ce cours tentera de recréer l'enthousiasme qu'ils ont suscité au siècle de la Renaissance.

Text: P. Clarac—*Le XVIe siècle* (Belin Ed.)

Tues., Thurs., Sat. at 9. M. NARDIN

41. VOLTAIRE EPISTOLIER

Si Voltaire assume vers 1760 la royauté intellectuelle de la France et de l'Europe, il doit cet honneur en grande partie à l'abondance et à l'éclat de sa correspondance. Ce n'est pas par simple politesse que les éditeurs ont imprimé dans ses Oeuvres Complètes les quelques 10,000 lettres de Voltaire qui nous ont été conservées. Ces lettres sont en effet le miroir de Voltaire et de son siècle et chacune d'elles est une oeuvre d'art où, sous une apparente simplicité, se cachent les trésors d'ironie, de verve et de malice que distribue, à pleines mains, le patriarche de Ferney.

Text: Voltaire—*Lettres choisies* (Ed. par R. Naves—2 vols—Edition Garnier)

Tues., Thurs., Sat. at 10. M. LAUNAY

42. GUY DE MAUPASSANT

A peine les couronnes s'étaient-elles fanées sur la tombe de Zola, que la critique académique et bien pensante s'empressait d'enterrer le Naturalisme. Mais avec le recul du temps grandit la stature de l'enfant terrible de l'Ecole de Médan qui, après un demi-siècle, garde son prestige de conteur sans rival. Doué d'un tempérament vigoureux et sensible

discipliné à l'école de Flaubert, Maupassant demeure l'athlète invaincu de la prose française.

Readings: *Boule du Suif*
Contes de la Bécasse
Une vie
Bel-Ami

Mon., Wed., Fri. at 9. Mme. FURNESS

43. LES ROMANCIERS DE LA VIE SECRÈTE

Nombreux sont, sous tous les climats, les êtres qui, sous le masque d'un physique ingrat, d'un humble métier, d'une vie banale, dérobent aux yeux d'un monde indifférent à leur sort, une vie intérieure d'une richesse et d'une intensité insoupçonnées. Cette "vie secrète", tantôt cultivée comme une défense contre le matérialisme du siècle ou les déceptions du coeur, tantôt à peine consciente de ses aspirations désintéressées et de son besoin de sacrifice, couve sous la cendre jusqu'au jour où, dans des circonstances dramatiques, ces ternes personnages se révèlent des âmes d'élite. Leurs drames sont d'autant plus pathétiques qu'ils se nouent et se dénouent dans l'ombre, et le roman français, essentiellement psychologique de nature, s'est penché sur leurs mystères avec une attachante lucidité.

Readings: Edouard Estaunié—*Les choses voient*
Georges Duhamel—*Le Journal de Salavin*
François Mauriac—*Thérèse Desqueyroux*
Julien Green—*Adrienne Mesurat*
Henri Bosco—*Antonin*

Mon., Wed., Fri. at 12. Mlle. REVERCHON

44. LE THÉÂTRE CONTEMPORAIN (1920-1950)

Le théâtre a connu entre les deux guerres une véritable renaissance grâce à l'heureuse rencontre de quatre grands metteurs en scène—Copeau, Dullin, Baty, Pitoëff—et d'une pléïade d'auteurs dramatiques dont le talent et le succès ont fait du théâtre d'avant-garde le théâtre tout court. Par ailleurs les écrivains marquants d'aujourd'hui demandent à la scène le moyen d'assurer à leurs doctrines morales, politiques ou philosophiques une large et rapide diffusion. La liste des oeuvres sur lesquelles ce cours fera porter l'accent représente une sélection des tendances principales d'un théâtre véritablement vivant.

Readings: Paul Claudel—*L'Annonce faite à Marie*
Jean Giraudoux—*Intermezzo*
Jean Anouilh—*Le voyageur sans bagages*
Marcel Pagnol—*Topaze*
Albert Camus—*Le Malentendu*
Jean-Paul Sartre—*Les Mains sales*

Tues., Thurs., Sat. at 12. Mlle. KOSKO

TEXTBOOKS

All the textbooks required for individual courses will be found at the University Book Store, 3480 University Street.

Books for readings will be available at the University Library but students will be well advised to purchase at least some of them either before they come to the School or at book shops in Montreal where, by special arrangement, stocks of these books will be kept during the session.

All students should bring with them the grammars and dictionaries with which they are familiar.

REGULATIONS FOR THE MASTER OF ARTS DEGREE

1. All work carried on towards an M.A. degree in the French Summer School is under the control and supervision of the Department of French in the Faculty of Graduate Studies of the University.

2. REQUIREMENTS FOR THE MASTER'S DEGREE

   (*a*) The student must hold the degree of B.A. from McGill University, or from another institution of recognized standing, with at least second class honours in French, or the equivalent of second class honours in French as granted by McGill University—which must include the ability to speak French fluently and a sound knowledge of French literature from 1600 to 1940.

   (*b*) A student, qualified as in 2(*a*), must complete four sessions in the Advanced Section of the French Summer School with at least second class standing in the final examinations of each session.

   (*c*) The student must prepare and present a thesis, written in French, which must be in some measure a contribution to knowledge. Its preparation is carried out under the direction of the French Department.

3. Students applying for admission to the Advanced Section of the Summer School, with the intention of proceeding towards the M.A. degree, should, as soon as possible, have a transcript of their academic record sent for appraisal to the Director of the School.

Students whose records are considered the equivalent of the B.A. degree with at least second class honours in French as granted by McGill University will be notified of their eligibility for future admission to the Faculty of Graduate Studies of the University. At the end of their second session they will be required to register in that Faculty as candidates for the M.A. degree, provided that they have completed the course requirements for the first two sessions.

Students who hold a B.A. degree but whose records are not considered the equivalent of the McGill B.A. with at least second class honours in French may be allowed to make up the deficiency by taking more courses during their third and fourth summer sessions.

M.A. students will not be required to re-register in the Graduate Faculty at the end of the third Summer Session, but will do so at the end of the fourth.

4. In the case of students of honours standing, the first summer session consists of five courses, the second of four courses, the third of three courses, and the fourth of two courses, each course consisting of three lectures per week. The decreasing number of courses through the four sessions enables the student to devote more time to the preparation of his thesis, which must begin in the third session. Each student works under the guidance of a director of research who is a member of the Summer School Staff. The only listed course which may be taken for credit in more than one session is No. 31, Advanced Composition (see below).

Students may be required to take certain courses which are changed from year to year, and in any case:

30—FRENCH STYLISTICS. Students are advised to take this double course during their second and third sessions.

31—ADVANCED COMPOSITION. A minimum mark of 65% must be obtained in the final examination of this course, irrespective of the final average for the set of courses taken during the session. The course must be repeated until this requirement has been met. As its material is varied each year, it can be taken a second summer for credit. If taken more than twice, it must then be carried as an extra course.

5. With the approval of the Graduate Faculty, one of the summer sessions, except the first, may be replaced by equivalent work in France or at another French Summer School.

FEES FOR M.A. STUDENTS

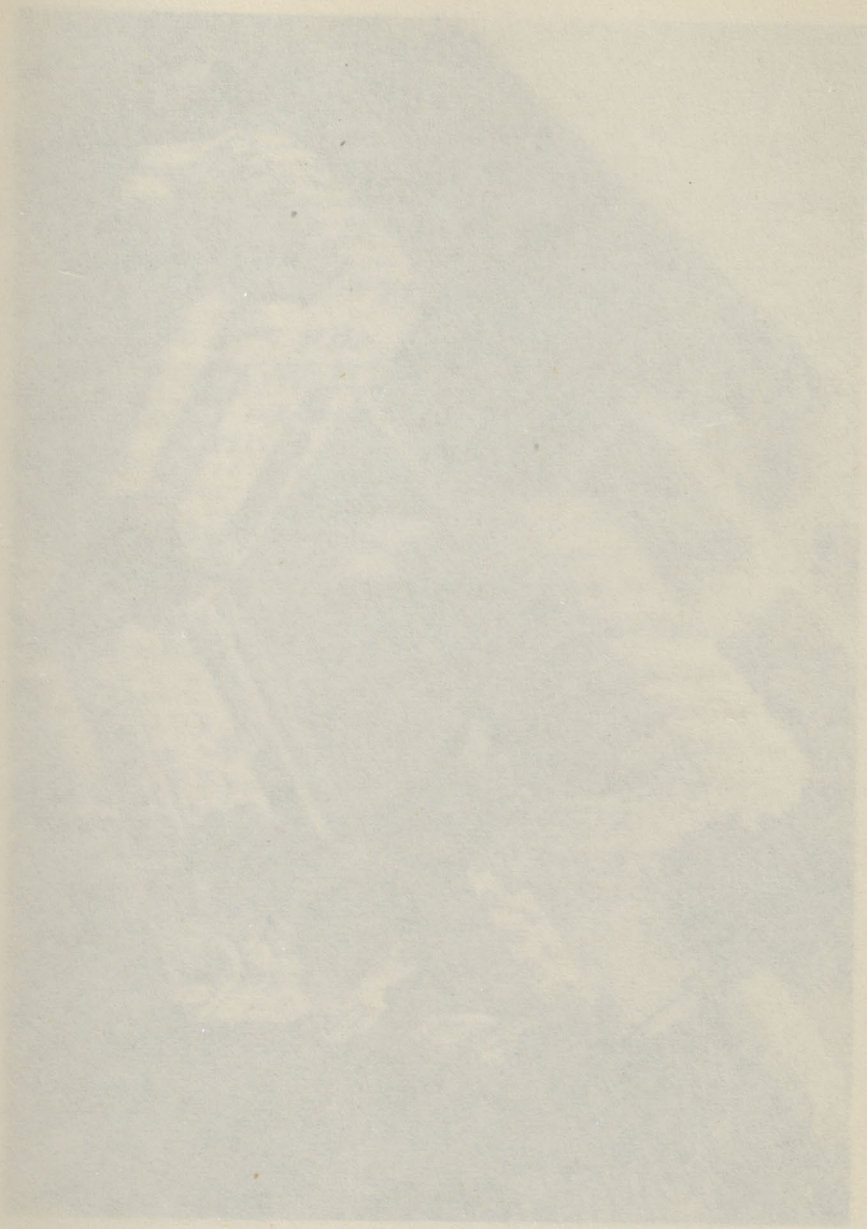
1. *School Fees.*

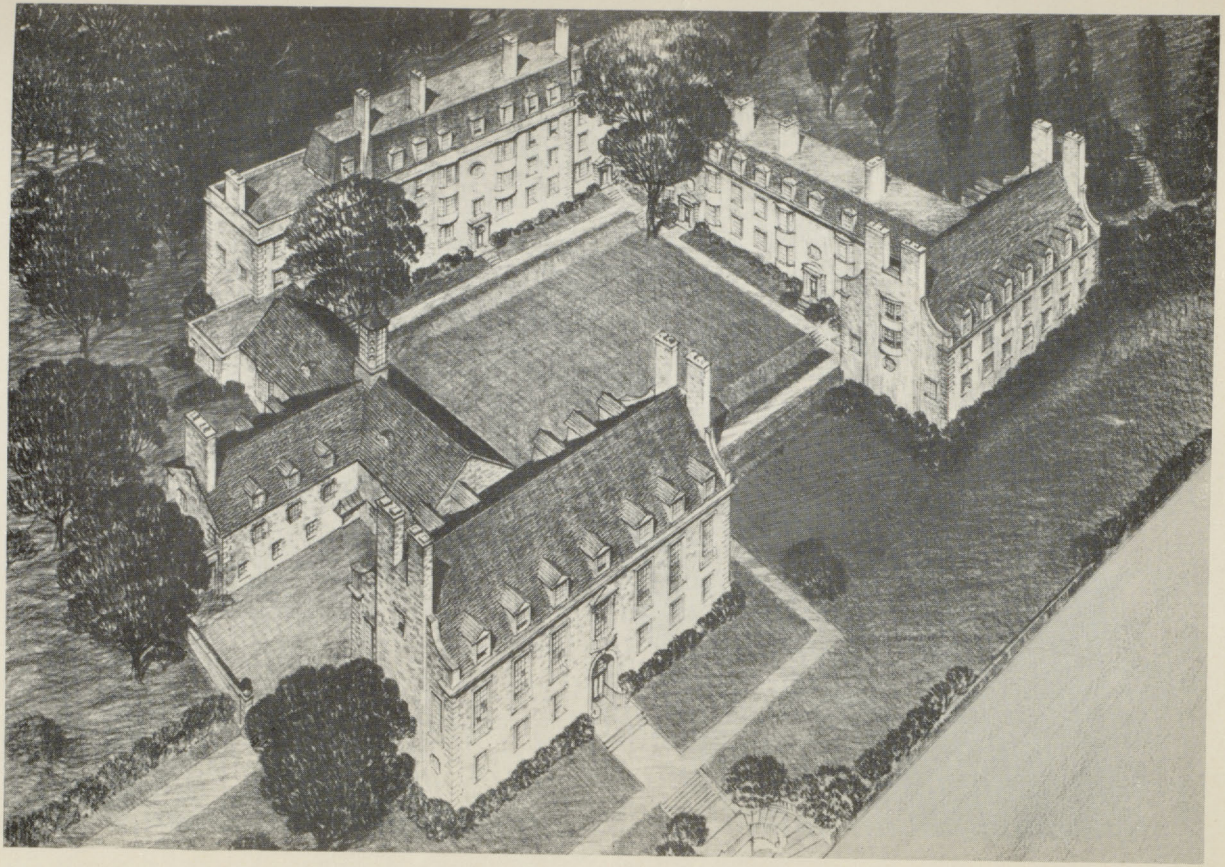
M.A. candidates pay the full sessional fee of $285 (tuition, room, and board) or $125 (tuition alone) for each summer session during which they take courses.

M.A. candidates who have completed the courses required for the degree but have not completed the thesis, and are attending colloquia, will be charged at the rate for a single regular course.

2. *University Fees.*

The University fee for the M.A. degree is $250. A credit of $60.00 is allowed for each session a student spends in Section C of the French Summer School. Thus a student who has attended four sessions will be required to pay only $10.00 when he registers at the office of the Dean of the Faculty of Graduate Studies at the end of his fourth session. If the presentation of the thesis is postponed beyond the May following this registration, the student will pay an additional registration fee of $10.00 at the beginning of the session in which the thesis is to be presented. Students who obtain their M.A. degree via the French Summer School are excused the "in absentia" fee.





A BIRD'S-EYE VIEW OF DOUGLAS HALL.

THE ARTS BUILDING.

Macdonald College

McGill University

Faculty of Agriculture
School of Household Science
School for Teachers
1953-1954

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office, McGill University, Montreal 2, Quebec.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts and in Pure Science. There is a separate Announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
**Faculty of Graduate Studies and Research*
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physical and Occupational Therapy
School of Social Work
**Macdonald College* (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University administrative officers, standing committees, and officers of instruction. Limited distribution.)

The Calendar (Available for distribution only to libraries and officials of certain institutions.)

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* These announcements are also available through the Registrar's Office, Macdonald College.

4502

INDEX

PAGE

Accident Insurance 4526
Admission 4528
Adult Education Service 4645
Advanced Diploma Course 4539
Advancement from Year to Year 4589
Affiliated Colleges 4516
Agriculture Teaching Certificate 4591
Attendance at Classes 4520

B.Sc. (H.Ec.) Course 4593
Board and Lodging 4523
Books, Supplies 4630
B.Sc. (Agr.) Course 4540
Bursaries, Scholarships, Prizes 4632

Conduct of Students 4519
Contagious Diseases 4522
Courses Offered 4528

Courses, Detailed Description of:—

- B.Sc. (Agr.) 4567
- Diploma 4532
- B.Sc. (H.Ec.) 4596
- Homemakers 4605
- Teachers 4619

Courses of Study 4548

Diploma Course in Agriculture 4529
Diplomas, Teachers' 4613

Elementary Diploma 4613

Entrance Requirements:—

- General 4528
- B.Sc. (Agr.) Course 4540
- Diploma Course 4530
- B.Sc. (H.Ec.) Course 4593
- Homemaker Course 4604
- School for Teachers 4612

Evaluation of Courses 4548

PAGE

Examinations in:—
Diploma Course ... 4537
B.Sc. (Agr.) and B.Sc. (H.Ec.) Courses ... 4588
Homemaker Course ... 4609
School for Teachers ... 4616

Expenses ... 4625
Extension Service ... 4645

Farm Day ... 4646
Farm Experience ... 4543
Fees ... 4523
Firearms ... 4520

General Information ... 4517
General Agriculture Option ... 4548
General Biology Option ... 4549
Graduate Courses ... 4590
Graduation Requirements ... 4543
Grant to Agricultural Students ... 4527
Guests ... 4519
Gymnasium Costumes ... 4527

Handicrafts ... 4647
Health Service ... 4525
High School Teachers' Diploma ... 4614
Homemaker Course ... 4605
Honour Standing ... 4589
Household Science, School of ... 4593

Illness ... 4520
Institute of Parasitology ... 4516
Intermediate Diploma ... 4613

Kindergarten Diploma ... 4613

Laundry ... 4525
Leave of absence ... 4521
Library ... 4645
Liquor ... 4520
Living Expenses ... 4523

Major Subjects ... 4548

Outfit Requirements for Women Students ... 4526

Partial Courses ... 4529
Pass Standing ... 4589

PAGE

Payments 4524
Pre-holiday Leave 4520
Prizes, Scholarships and Bursaries 4632
Probation 4520

Quarantine 4522
Quebec Government Grant 4527

Refunds 4524
Registration 4518
Religious Instruction 4626
Requirements for Graduation 4543
Residence Rules, General 4518
Residence Rules, Women Students 4521
Room Furnishings 4526

Scholarships, Prizes and Bursaries 4632
School for Teachers 4610
Single Rooms 4524
Stewart (Walter M.) Collection 4645
Student Activities 4525
Summer Work for Students 4566
Suspension 4519
Supplemental Examinations 4590

Travelling Expense Refund 4616
Trips, Household Science 4526

Uniforms 4526

Visitors 4646

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Many officers of instruction give classes in all three divisions of Macdonald College; their names appear under that division in which the major portion of their work is done.

CALENDAR FOR SESSION 1953-54

1953

Tuesday, Sept. 8th.....Registration, School for Teachers and Agriculture Teaching Specialists.

Wednesday, Sept. 9th.....Registration, Homemaker students. Lectures begin, School for Teachers and Agriculture Teaching Specialists.

Saturday, Sept. 12th.....Registration, Teaching Option, fourth year B.Sc.(H.Ec.) course.

Thursday, Sept. 17th.....Supplemental examinations begin, B.Sc.(Agr.) and B.Sc.(H.Ec.) courses.

Tuesday, Sept. 22nd.....Registration, second year B.Sc.(H.Ec.) students, and B.Sc.(Agr.) students taking Agr. Eng. 39

Monday, Sept. 28th.....Registration, B.Sc.(Agr.), B.Sc.(H.Ec.) and Third Year Diploma Course students.

Wednesday, Sept. 30th.....Registration, Handicrafts students. Lectures begin for B.Sc.(Agr.), B.Sc.(H.Ec.) and Third Year Diploma Course students.

Tuesday, Oct. 6th.....Fall Convocation.

.....Thanksgiving Day. Date to be proclaimed. No classes.

Wednesday, Oct. 28th.....Supplemental examinations begin, Diploma Course.

Thursday, Oct. 29th.....Registration, Diploma Course students.

Friday, Oct. 30th.....Lectures begin, Diploma Course.

Monday, Nov. 9th.....Autumn term examinations begin, School for Teachers.

Wednesday, Nov. 11th.....Remembrance Day.

Monday, Nov. 16th to Friday, Nov. 27th inc......First practice teaching period, School for Teachers.

Monday, Nov. 30th.....Winter term begins, School for Teachers.

Tuesday, Dec. 22nd.....Last day of lectures before Christmas, all schools. Classes end at 12.20 p.m.

1954

Monday, Jan. 4th.....Lectures resumed, all schools.

Monday, Jan. 11th to Friday, Jan. 22nd inc......Second practice teaching period, School for Teachers.

Thursday, Jan. 14th.....First term lectures end, Agriculture and Household Science.

Monday, Jan. 18th.....First term examinations begin, Agriculture and Household Science.

Monday, Jan. 25th.....Second term begins, Agriculture and Household Science.

.....General Assembly. Date to be announced.

Wednesday, Feb. 10th.....Macdonald College Founder's Day. No afternoon classes. (*Sir William C. Macdonald, born Feb. 10th, 1831, died June 9th, 1917.*)

Tuesday, Feb. 23rd.....Macdonald Royal. No classes.

Saturday, Feb. 27th.....Winter term ends, School for Teachers.

Monday, March 1st to.....
Friday, March 12th inc.....} Third practice teaching period, School for Teachers

Monday, March 15th.....Spring term begins, School for Teachers.

Saturday, March 20th.....Last day of lectures, Diploma Course.

Tuesday, March 23rd.....Examinations begin, Diploma Course. Supplemental examinations begin, B.Sc.(Agr.) and B.Sc.(H.Ec.) courses.

Wednesday, March 31st.....Session ends for Diploma Course students. Supplemental examinations begin, Diploma Course.

Thursday, April 15th.....Last day of lectures, B.Sc.(Agr.) and B.Sc. (H.Ec.) students

Friday, April 16th to.....
Monday, April 19th, inc.....} Easter vacation.

Tuesday, April 20th.....Examinations begin, B.Sc.(Agr.) and B.Sc. (H.Ec.) students.

Sunday, April 25th.....Baccalaureate Service, 3.00 p.m.

Saturday, May 1st.....Session ends for B.Sc.(Agr.) and B.Sc.(H.Ec.) students.

Monday, May 17th.....Examinations begin, School for Teachers and Homemaker Course.

Wednesday, May 26th.....Convocation.

Sunday, May 30th.....Divine Service, School for Teachers and School of Household Science, 3.00 p.m.

Thursday, June 3rd.....Graduation exercises, School for Teachers and School of Household Science. End of session.

.....Farm Day. Date to be announced.

Macdonald College

Macdonald College, which was founded and endowed by the late Sir William C. Macdonald, is incorporated with McGill University, and is situated twenty miles west of Montreal, at Ste. Anne de Bellevue, Que. It is composed of the Faculty of Agriculture, which includes the School of Household Science, and of the School for Teachers for the Protestant schools of the Province of Quebec.

FACULTY OF AGRICULTURE

The work of the agricultural departments of the College falls into three main divisions: teaching, research, and extension. Teaching and research form the major part of their work. Extension service is undertaken by departments as the need or opportunity may arise.

Information on extension work under the McGill Adult Education Service will be found on page 4645.

SCHOOL OF HOUSEHOLD SCIENCE

The School of Household Science is an integral part of the Faculty of Agriculture. The main function of the School is teaching, both in relation to the home and for professional service in institutions.

SCHOOL FOR TEACHERS

The School for Teachers is a School of McGill University, controlled by a committee established under an agreement with the Government of the Province of Quebec. The School trains elementary, intermediate, and kindergarten teachers for the Protestant schools of the Province of Quebec.

THE INSTITUTE OF PARASITOLOGY

This Institute, located at Macdonald College, is governed by a joint committee of the National Research Council and McGill University, and has, as its main functions, the prosecution of research on animal parasites and the instruction of graduate students.

ASSOCIATED COLLEGES

By special agreement, certain institutions have arranged to provide their students with a course of study substantially equivalent to the first two years in Agriculture and Household Science at Macdonald College. Students who have satisfactorily completed such a course of study and are specifically recommended by the authorities of their college are permitted to enter the third year at Macdonald College.

The following are the Institutions with which the foregoing arrangement exists:—

Nova Scotia College of Agriculture, Truro, N.S.
(Agriculture);

Prince of Wales College, Charlottetown, P.E.I.
(Agriculture and Household Science);

Memorial University of Newfoundland, St. John's, Newfoundland
(Household Science).

GENERAL INFORMATION

POST OFFICE ADDRESS

There is a post office in the main building, and all mail should be addressed simply: Macdonald College, Que.

RAILWAYS

Ste. Anne de Bellevue, Que., is on the main lines of the Canadian National Railways and of the Canadian Pacific Railways, 20 miles west of Montreal. The local stations are but a short walk from the College. Baggage checks should be surrendered at the Administration Office, Room 11, Main Building, where arrangements will be made for the transfer of baggage upon entering and leaving College.

FREIGHT AND EXPRESS

The address for express or freight parcels is:—Ste. Anne de Bellevue (Jacques Cartier Co.), Que.

TELEGRAMS

Telegrams should be addressed:—Macdonald College, Ste. Anne de Bellevue, Que.

TELEPHONES

Administrative:—Ste. Anne de Bellevue, No. 335.

Men's Residence:—Ste. Anne de Bellevue, No. 9082, 9086.

Main Building Dormitory:—Ste. Anne de Bellevue, Nos. 9003, 9088.

Harrison House:—Ste. Anne de Bellevue, No. 407.

Women's Residence:—Ste. Anne de Bellevue, No. 9008, 9095.

HIGHWAY

The Quebec provincial highway No. 2 passes through Ste. Anne de Bellevue.

BANK AT STE. ANNE DE BELLEVUE

The Bank of Montreal.

CHURCHES

The following denominations are represented at Ste. Anne de Bellevue:

Church of England in Canada,
Roman Catholic Church in Canada,
United Church of Canada.

Students of all religious denominations are free to enter Macdonald College. The regulations of the Council of Education of the Province of Quebec apply only to students in the School for Teachers.

ADMISSION

A form of application for admission to the Faculty of Agriculture, including the School of Household Science, will be found at the end of the Announcement. Prospective students must read the details relating to entrance requirements.

Prospective students of the School for Teachers are referred to page 4610.

REGISTRATION

Students are required to register before 4 p.m. on the opening day of each session of the Faculty or School in which they have been accepted, and before entering residence to obtain a residence card from the Secretary's Office. Registration at a later date is permitted only to those who obtain the consent of the Dean or Director of the Faculty or School concerned.

Students are not permitted to enter any class until they have registered.

Upon registering students are required to sign the following declaration:—"I hereby accept and submit myself to the rules and regulations of Macdonald College, and of the Faculty or School thereof in which I am registered, and to any amendments thereto which may be made while I am a student of the College, and I promise to observe the same."

RESIDENCE

All regular students are required to live in residence.

Due to the necessity of accommodating conventions and short courses during the summer months, resulting in a limited time available for repairs and cleaning, no student will be admitted to residence before the date set for registration in the course for which he or she has been accepted. Nor may a student remain in residence after the session ends, nor during the Christmas holidays (see page 4524). Exceptions to this rule will be made in the case of certain student officers whose duties require their presence before the opening date, members of the football team who have been accepted for pre-season training, students preparing for supplemental examinations and other students under exceptional circumstances by permission of the Warden.

Students returning early to write, or prepare for, supplemental examinations, may enter residence, by special permission, not earlier than one week before the date of their first examination. Application for residence accommodation must be sent with the application for supplemental examination, before September 1st. The charge for room and board for this period will be $12.50 for a week or any part of a week.

Students may not invite relatives or friends to stay overnight in the residence without permission from the Housekeeper or Warden of Residence.

For the admission of visitors to the Dining Room tickets must be procured in advance from the Office of the Dietitian, Women's Residence.

Students are held responsible for the care of their rooms and of their furnishings.

Students are recommended to mark clearly, before coming to the College, all articles of wearing apparel, sheets, pillow cases, etc.

Detailed regulations are printed separately and issued to students after arrival.

CONDUCT AND ATTENDANCE

The general responsibility for the maintenance of discipline in each Hall of Residence is vested in a Warden, but, through a system of self-government, students are encouraged to accept the greatest possible amount of responsibility in connection with their own affairs. Enforcement of necessary regulations, exaction of disciplinary measures, and regulation of conduct *in and out of residence*, is largely in the hands of a House Committee for each residence, elected by the students from among their own number.

Matters of discipline connected with or arising from the general arrangement for teaching within a Faculty or School are under the jurisdiction of the Dean of the Faculty or Director of the School concerned.

Students may be admonished by a professor or instructor for improper conduct and may be reported to the Dean or Director concerned. If considered advisable, such conduct shall be reported to parents or guardians.

Students found guilty of immoral, dishonest, or other improper conduct, the violation of rules, or wilfully causing damage to persons or property, shall be liable to College discipline, which includes the power of expulsion (subject to the approval of the Senate of McGill University), of suspension from classes or residence (in the case of women students,

confinement to residence), of exclusion from all College functions, including class or society meetings, plays, dances, etc., of disqualification from competing for honours or prizes, and of levying of fines. Fines may also be imposed or assessments made for damages made by individuals or groups of students.

Bringing liquor into the College is considered a serious breach of discipline, and students who indulge in the use of liquor, or who frequent places where it is sold, may be required to withdraw from the College.

Students are not permitted to bring firearms into their rooms, nor is the use of firearms allowed on the College grounds.

Women students are forbidden to go on the river—winter or summer. "Hitchhiking" is not permitted.

Gambling is not permitted on College property.

Unauthorized entrance to the Women's Residence by men students, or to the Men's Residence by women students, will result in immediate suspension of the guilty persons, followed by expulsion proceedings.

Students are requested not to make application for additional leave either before or after holiday periods, as such leaves can only be granted in case of illness or other exceptional circumstances.

For late registration or for absence from classes on the last day before or the first day following a holiday period, there will be a penalty of $3.00 for each day or part of a day.

During illness students are under the direction of the Medical Officer and may not leave the residence or infirmary without his express permission.

Punctual attendance at all classes, laboratory periods, tests, etc., is expected of all students. Absences can only be excused on the ground of necessity or illness, of which proof may be required. Special attention is called to the fact that the completion of all laboratory work is obligatory and the opportunity to make up work missed can only be provided in the case of properly excused absences.

The College has the power to refuse examinations to those students who persist in absenting themselves from classes without permission.

Any student who is unwilling to submit cheerfully to the restrictions of college life, whose conduct does not furnish satisfactory evidence of diligence and earnestness of purpose, or whose work is definitely unsatisfactory, may be placed on probation, or may be required to withdraw from the college. Degrees of probation are: 1. The student on probation is permitted to remain on trial, subject to satisfactory work and conduct; 2. The student on probation is not allowed to participate in competitive events, and is not permitted to take part in plays or other activities involving undue loss of time.

LEAVE OF ABSENCE

WOMEN STUDENTS

In order to avail themselves of leave privileges, women students in residence must present at the beginning of the session a form signed by parent or guardian giving general permission or specifying the manner in which leave may be spent. Forms for this purpose, and details of leave allowances, will be sent to all students before the date set for registration.

The amount of leave permitted is based on the student's year. A student is entitled to the leaves accorded those in her year only while in good academic standing. Conditioned students in the second, third or fourth year have the allowances granted to the year below.

Except in cases of emergency, telephone messages or telegrams requesting leave of absence for women students will on no account receive consideration.

Students wishing to stay at hotels, lodges, etc., while on leave, or to go on skiing trips, are required to have the written consent of their parents to do so.

On no account shall a student be absent from college without having complied with the regulations regarding registration of leaves, or without the knowledge and consent of the Warden. Absence from College without permission is a serious offence which renders the student liable to instant suspension or dismissal. If prevented from returning after an absence, due to illness or other cause, students must advise the Warden immediately, and these students must report to the Warden's office immediately upon their return.

Students are urged to have dental work attended to before entrance, though dental appointments will be allowed in cases of urgency. Appointments to visit a physician are allowed on production of a letter from the physician indicating the date and hour of the appointment.

All correspondence regarding the conduct of women students in residence should be addressed to The Warden, Women's Residence, Macdonald College, P.Q.

MEN STUDENTS

First Year Diploma and Degree students must obtain permission from the Dean should they wish to have overnight leave of absence. All students who expect to be absent from the College should leave some record of their movements.

CONTAGIOUS OR INFECTIVE DISEASES

Students on holiday, or accepted candidates for admission, who become subject to an attack of any contagious or infective disease, or who reside in any dwelling in which any such disease exists, shall be subject to the following quarantine regulations:—

	Quarantine to be required after last exposure to infection.	Earliest date of return or admission to College after an attack.
Scarlet Fever	14 days	Six weeks, and then only if no desquamation or sore throat.
Diphtheria	12 days	Three weeks, if convalescence is complete, provided two negative throat cultures at least twenty-four hours apart have been obtained.
Measles	16 days	Three weeks, if all desquamation and cough have ceased.
Whooping-Cough	21 days	Six weeks from commencement of whooping, if the characteristic spasmodic cough and whooping have ceased. Earlier if all cough has gone.
German Measles	16 days	Two or three weeks, according to the nature of the attack.
Mumps	24 days	Two weeks after the disappearance of all swelling.
Influenza	14 days	Two weeks after disappearance of definite symptoms of influenza.
Typhoid	21 days	Four weeks if all symptons have disappeared and convalescence is complete.
Small-pox	16 days	Two weeks after the desquamation (which follows the falling of scales) has completely terminated.
Chicken-pox	14 days	Ten days after the desquamation has completely terminated.

In all cases of students, or accepted candidates for admission, suffering from, or coming in contact with those suffering from any contagious or infective disease, a medical certificate shall be required before they are allowed to return to the College.

VISITORS TO STUDENTS

Saturday is visitor's day. In the afternoon, students are free to see their friends and show them around the buildings and grounds. Men visitors to women students are allowed only in the reception rooms in the Women's Residence, and only on specially arranged occasions.

MUSIC

Music finds a place in the recreative and social activities of the College. Concerts, organ recitals, lectures, etc., will be given from time to time. It is suggested that those having musical instruments should bring them.

FEES—TUITION

The College reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

Course	Consolidated fee*	Student Activities		First instalment of room and board	Due on entrance	
		Men	Women		Men	Women
B.Sc. (Agr.)	$150.00	17.00	12.00	55.00	222.00	217.00
Diploma						
Children of farmers of the Province of Quebec, the Ottawa valley in Ontario, and the Maritime Provinces	20.00†	11.55	12.00	50.00	81.55	82.00
All others	100.00	11.55	12.00	50.00	161.55	162.00
Partial students						
All years, plus tuition at the rate of $10.00 per course per term	34.00	17.00	12.00	55.00	106.00	101.00
B.Sc. (H.Ec.)	175.00	—	12.00	55.00	—	242.00
Homemaker						
Children of farmers of the Province of Quebec	25.00	—	12.00	50.00	—	87.00
All others	300.00	—	12.00	50.00	—	362.00
School for Teachers, all classes	50.00†	13.35	12.00	60.00	123.35	122.00
Agriculture Specialist Certificate	150.00	13.35	12.00	60.00	223.35	222.00
Handicrafts	360.00	10.00	10.00	50.00	420.00	420.00

*Includes the following fees: registration, tuition, laboratory, medical and nursing, use of laundry rooms, breakage.

†No tuition fee is charged in these courses.

BOARD AND LODGING

The fee for board and lodging is on a sessional basis, as follows:

Course	Total for Session	By Instalments	
		On Entrance	Monthly Thereafter
B.Sc. (Agr.)	$355.00	55.00	50.00
Diploma	250.00	50.00	50.00
B.Sc. (H.Ec.)	355.00	55.00	50.00
Homemakers	450.00	50.00	50.00
School for Teachers	460.00	60.00	50.00
Agriculture Specialist Certificate	460.00	60.00	50.00
Handicrafts	400.00	50.00	50.00
Graduate students	$12.50 per week, monthly in advance		

The above sessional fees cover board and lodging for the College session exclusive of the Christmas holidays.

Students are not encouraged to remain in residence during the Christmas holidays. If, however, due to exceptional circumstances, special permission to remain in residence has been obtained from the Warden, the cost for room and board for this period will be $12.50 for a week or any part of a week.

SINGLE ROOMS

There is an extra charge for occupancy of the few single rooms in each residence. The sessional rates for single rooms may be obtained on application to the Secretary.

PAYMENTS

All fees are payable in advance. There is no refund of tuition fees to students who leave for any cause other than personal illness, nor to those who are dismissed for neglect of work or violation of the rules.

No refunds of payments made on account of board and lodging will be made except to students who permanently leave the residence for cause during the session.

Payment for board and lodging may be made in monthly instalments, on entrance and on the first of each month thereafter, as shown above. Payment may be made in larger instalments if desired.

Students who fail at any time to make payment for board and lodging promptly on the first of each month *will be charged $2.00 extra* for each time such failure occurs.

A list of the registered students whose accounts with the Secretary are in arrears will be sent to the Dean or Director of the Faculty or School concerned, on receipt of which the Dean, or Director, shall cause their names to be struck from the registers of attendance, and such students cannot be readmitted to any class or residence except on presentation of a special notice signed by the Secretary, certifying to the settlement of such account.

Avoidable breakage or damage to College property or equipment by a student, is charged to him on receipt of a report from the Chairman of the department concerned.

The Administration Office is open to receive payments from 9 a.m. to 4.30 p.m. daily—except Saturday, on which day the hours are from 9 a.m. to 12 noon.

All cheques, money orders, etc., should be drawn to the order of "The Secretary, Macdonald College," to whom all remittances, orders for dress material, etc., must be directed.

MISCELLANEOUS EXPENSES

STUDENT ACTIVITIES

Students entering the College are reminded that there are various student activities, such as the athletic associations, literary societies, class societies, etc., which they are expected to join. These affairs are in the hands of the students themselves, and the expenses of these organizations amount, for the session, as follows:—

	Men	Women
Degree Course students	$17.00	$12.00
Diploma Course students	11.55	12.00
Homemaker students	....	12.00
School for Teachers students	13.35	12.00
Handicrafts students	10.00	10.00

At the request of the students themselves, the above fees will be collected from all students for the support of the athletic associations, literary societies, skating rink, accident insurance, etc.

MISCELLANEOUS FEES

Supplemental examinations, per paper	$ 2.00
Official transcript of record	1.00
Conferring degree *in absentia*	10.00

LAUNDRY SERVICE

Weekly laundry service at moderate prices is provided by a Montreal laundry to which students may send their personal washing, sheets, pillow covers and towels. Printed lists will be furnished, two copies of which, properly filled out, must accompany each parcel. Fully equipped laundry rooms are also provided in each residence for students' use.

HEALTH SERVICE

Medical and nursing attendance, major operations and illness excepted, will be provided to all students while in attendance at the College.

If a student's admission to a city hospital is ordered by the College Medical Officer, one half of all public ward charges is paid by the College, provided that the total obligation assumed by the College does not exceed $125.00 in any one session for any one student. Should a student desire private accommodation, the difference in cost must be borne by him.

This contribution towards hospital expenses is made only when the illness or other condition requiring hospital treatment was not present or was unknown or undetected at the time of admission.

A charge of 25 cents extra per meal will be made for all meals served in a student's room or outside the dining room, such meals being provided only when approved by the Resident Nurse.

During the session, all students are covered by a group accident insurance policy, the premium for which is included in the student activity fee.

BOOKS

Books, etc., in connection with the various courses may be purchased at the College Book Shop. In order to reduce the expense of textbooks as far as possible to individual students, an arrangement has been made whereby students of the School for Teachers pay to the Secretary the sum of $2.00 per session for the use of books in certain departmental libraries; this saves students the necessity of purchasing individual copies of expensive books.

HOUSEHOLD SCIENCE TRIPS

Students in Household Science are taken to visit various institutions in connection with their work, from time to time during their course, more especially in the senior years. Each student is responsible for her own expenses, which are kept to the minimum amount.

SUPPLIES

Material and supplies required for classes in Textiles and Clothing are provided by the students concerned and purchased at the direction of the instructor.

ROOM FURNISHINGS

Bedrooms are furnished with closets, beds, mattresses, blankets, pillows, and the necessary furniture.

Each student is expected to provide his or her own laundry bag, toilet soap, drinking glass, four sheets, about 90 inches long, 60 inches wide; two pillow covers, 34 inches long, 20 inches wide; hand towels and bath towels; flashlight.

Each room is provided with picture moulding. Students are permitted to bring rugs, pictures, etc., but are not allowed to drive tacks or nails into walls or woodwork, nor to paste pictures on the walls.

Women students are required to provide sash curtains and curtain rods for the windows in their rooms.

OUTFIT REQUIREMENTS FOR WOMEN STUDENTS

SCHOOL OF HOUSEHOLD SCIENCE:—No uniforms are required in the first year of the B.Sc. (H.Ec.) course. Students in the Homemaker Course, and in the second, third, or fourth year of the B.Sc.(H.Ec.) course will be advised of the uniform requirements on acceptance or promotion.

SCHOOL FOR TEACHERS:—Women students of the School for Teachers wear a uniform consisting of a Macdonald tartan kilt and a white blouse. Details are sent with the letters of acceptance.

Brown oxfords with low rubber heels are required; stockings must correspond in colour.

The uniform is worn at all classes, and prospective students are requested to note carefully the regulations with reference to it. If in doubt in regard to any detail write to the Director for information.

A smock of printed material (cretonne) is useful when teaching certain subjects and when engaged in practical work.

GYMNASTIC COSTUME

Women students taking work in the gymnasium are required to wear the regulation gymnastic costume consisting of a tunic, shirt waist, briefs, and short, white woollen socks and running shoes. The tunic and briefs must be bought at the College Book Shop: the current price is $5.50 and $1.25, respectively.

Students wishing to swim must provide themselves with bathing suits.

PROVINCIAL GOVERNMENT GRANT

The Department of Agriculture of the Province of Quebec grants to each graduate and undergraduate student in Agriculture who belongs to the Province of Quebec, and is registered for regular courses, $15.00 per month of attendance in studying according to the time table in the Faculty of Agriculture, Macdonald College, to apply on board and lodging. This amount will be paid in two instalments, in January and in May.

Faculty of Agriculture

The following courses of study are offered in the Faculty of Agriculture:—

I. **Courses in Agriculture**—

Partial Courses (page 4529).

A two-year Diploma Course (page 4529).

Advanced Diploma Course (page 4539).

A four-year Course leading to the Degree of Bachelor of Science in Agriculture, [B.Sc. (Agr.)] (page 4540).

Graduate Courses in the Faculty of Graduate Studies and Research, McGill University (page 4590).

II. **Courses in Household Science:**—

Partial Courses (page 4609).

A one-year (Homemaker) Course (page 4604).

A four-year Course leading to the Degree of Bachelor of Science in Home Economics [B.Sc.(H.Ec.)] (page 4593).

III. **Specialist Teaching Certificate:**—

Offered in collaboration with the School for Teachers (page 4591).

ENTRANCE REQUIREMENTS

GENERAL

All candidates for admission:—

1. Except where otherwise provided, must have passed their seventeenth birthday.

2. Must produce satisfactory evidence as to moral character.

3. Must produce medical certificate of physical health on forms supplied by the College. A certificate of vaccination must be attached as follows:—(a) Successful vaccination within seven years; or, (b) Immunity to vaccine after two recent unsuccessful vaccinations—such certificate of immunity to be good for five years from date.

When the number of women candidates is in excess of the accommodation, preference will be given to those from the rural districts of Quebec, the Maritime Provinces, and Eastern Ontario.

PERMISSION TO STUDY

Every candidate for admission to the Degree Course in Agriculture must, before beginning his course, obtain approval of his application from La Corporation des Agronomes, if he intends to practise as a professional agriculturist in the Province of Quebec after graduating. Forms of Application for Permission to Study and full particulars may be obtained from La Corporation des Agronomes de la Province de Québec, Room 410, 10 St. James St. W., Montreal, or from the Registrar, Macdonald College.

Failure to comply with the regulations of the Corporation may cause a delay of a year or more before the candidate may be legally authorized to practise his profession in the Province of Quebec. Application for permission to study must be made before August 1st, 1953.

COURSES IN AGRICULTURE—

PARTIAL COURSES

Partial courses may be taken as follows:—

1. In one or more courses of the B.Sc. (Agr.) curriculum by matriculated students who shall be designated partial students of the Degree Course.

2. In one or more courses of the Diploma Course curriculum by students who shall be designated partial students of the Diploma Course.

3. At the option of the Dean and the departments concerned, partial students of the Diploma Course may be permitted to follow certain courses of the Degree Course curriculum, though not for credit towards a degree. Such students shall pay the tuition fees applying to courses of the Degree Course curriculum.

The main purpose of the Partial Course is to enable students from other faculties or other universities to integrate their previous courses with those at Macdonald College. No student proceeding to a degree will be permitted to register for more than one session as a partial student. Applications in all cases must be approved by the Dean of the Faculty of Agriculture, and registration must be made in the regular way before students enter upon their work.

For regulations regarding fees applicable, see page 4523.

DIPLOMA COURSE

This is a two year course of five months' duration in each year commencing about November 1st, and finishing about March 31st. It affords

a special opportunity of spending one or two winter seasons in studying Agriculture, and the time is selected with a view to interfering as little as possible with farm operations. It is intensely practical in character and is designed with the following objects in mind:—To give the largest amount of information and training in practical agriculture in the shortest possible time; to equip the student for solving his future problems; to awaken him to the many opportunities on the farm; to give him an inspiration in his agricultural work; and to enable him to fill a more useful place in rural citizenship.

The work of the first year is taken by all students in common; in the second year a student may choose subjects that have to do either with livestock farming or fruit farming. A diploma is granted to each student who completes the two years' work successfully.

DIPLOMA COURSE ENTRANCE

1. For General Requirements, see page 4528.

2. All candidates for admission to the Diploma Course must have passed their sixteenth birthday, must be able to read and write the English language acceptably, be proficient in the use of arithmetic and demonstrate a practical knowledge of farm operations.

SYLLABUS

Diploma Course

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
FIRST YEAR					
Agricultural Engineering:—					
Farm Machinery	1	2	1		
Farm Construction	2			1	2
Agriculture	1	1		1	
Agronomy:—					
Soils and Soil Management	1	3			
Hay and Pasture Crops	3			2	1
Corn and Root Crops	5			3	
Animal Husbandry:—					
Farm Live Stock	1	3	2	2	2
Bacteriology	1			1	1
Botany	1	2	1		
Chemistry	1			2	1
English	2	3		3	
Entomology	3	2	1		
Horticulture:—					
General Horticulture	4	1	1	1	1
Mathematics	1	1	1	1	1
Poultry Husbandry:—					
Productive Poultry Husbandry	1	2	1	2	1
SECOND YEAR					
Livestock Farming Group					
Agricultural Engineering:—					
Land Drainage and Farm Sanitation	6	2	2		
Farm Shopwork	7			1	2
Agronomy:—					
Crop Management	7			2	1
Grain Crops	9	2	1		
Animal Husbandry:—					
Farm Live Stock	6	2	2	2	2
Live Stock Breeding	7			2	
Animal Nursing	6			2	1
Dairying	6			2	2
Economics:—					
Economic Problems	7	2	1		
Farm Accounts and Management	8	3	1		
English	7	1	1	1	1
Nutrition:—					
Feeds and Feeding	6	2			
Physics	6	1	2		
Poultry Husbandry:—					
Poultry Management	6			2	1
Project	6	2		2	
SECOND YEAR					
Fruit Farming Group					
Agricultural Engineering:—					
Land Drainage and Farm Sanitation	6	2	2		
Farm Shopwork	7			1	2
Agronomy:—					
Crop Management (Elective)	7			2	1
Economics:—					
Economic problems	7	2	1		
Farm Accounts and Management	8	3	1		
English	7	1	1	1	1
Horticulture:—					
Vegetable Gardening	6	2	2	2	2
Ornamental Gardening	7	2	1		
Fruit Growing	8	2	2	2	2
Physics	6	1	2		
Plant Pathology:—					
Plant Diseases	6			2	1
Poultry Husbandry:—					
Poultry Management	6			2	1
Project	6	2		2	

DESCRIPTION OF DIPLOMA COURSES

AGRICULTURAL ENGINEERING

1. FARM MACHINERY

(a) A study of the gas engine as applied to stationary purposes, the automobile and the tractor.

(b) Implements and Machinery. The use and adjustments of tillage and harvesting machinery.

1st Yr.:—2 lects., 1 lab., per wk., 1st term. *Professors Cooper and Malloch*

2. FARM CONSTRUCTION

(a) Farmstead planning including the arrangement of the various buildings, the planning of houses and barns; fences and fencing.

(b) Carpentry and concrete work.

1st Yr.:—1 lect., 2 labs., per wk., 2nd term. *Professors Banting and Malloch*

6. LAND DRAINAGE

(a) The water table and its control; surface drains and underdrainage.

(b) Farm Sanitation. Water supplies and water systems, methods of sewage disposal.

2nd Yr.:—2 lects., 2 labs., per wk., 1st term. *Professor Banting*

7. FARM SHOPWORK

Blacksmithing, rope splicing, soldering, gas and electric welding.

2nd Yr.:—1 lect.. 2 labs., per wk., 2nd term. *Professor Cooper*

Text Book:—Jones—Farm Shop Practice.

AGRICULTURE

1. A general course on Agriculture designed to give the student a proper conception of farming as an occupation and an appreciation of some important considerations in the selection and operation of farms.

1st Yr.:—1 lect. per wk., 2 terms. *Professor Hamilton*

AGRONOMY

1. SOILS AND SOIL MANAGEMENT

Classes of soil, tillage, rotation, manuring, fertilizers, liming, drainage, etc., will be studied with a view to enabling the student to manage the soil on his own farm to best advantage.

1st Yr.:—3 lects. per wk., 1st term. *Professor Lods*

3. HAY AND PASTURE CROPS

These crops will be studied from the standpoints of their importance, varieties, culture, and management.

1st Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor Steppler*

5. CORN AND ROOT CROPS

As with Hay and Pasture Crops.

1st Yr.:—3 lects. per wk., 2nd term. *Professor Raymond*

7. CROP MANAGEMENT

Factors determining the crops to grow, cropping schemes for typical situations in Eastern Canada. Fertilizers and seed will be given further attention in this course.

2nd Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor Raymond*

9. GRAIN CROPS

As with Hay and Pasture Crops.

2nd Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Lods*

ANIMAL HUSBANDRY

1. FARM LIVE STOCK

Commercial types and classes of farm stock, their care and management, feeding, breeding, and judging.

1st Yr.:—3 lects., 2 labs., per wk., 1st term; 2 lects., 2 labs., per wk., 2nd term. *Professor Hamilton and Mr. Moxley*

6. FARM LIVE STOCK

A continuation of course 1, but dealing particularly with purebred stock.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professors Ness and Hamilton*

7. LIVE STOCK BREEDING

In this course the more important basic principles underlying breeding practice are considered. Selection of breeding animals is studied in the light of what is known in regard to reproduction, transmission of characters, heredity, and environment.

2nd Yr.:—2 lects. per wk., 2nd term. *Mr. Moxley*

ANIMAL NURSING

6. The course will cover situations usually encountered by farm managers and herdsmen.

2nd Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor Dale*

BACTERIOLOGY

1. AGRICULTURAL BACTERIOLOGY

Bacteria in relation to water, sewage, milk, and soil fertility; food preservation and food poisoning.

1st Yr.:—1 lect., 1 lab., per wk., 2nd term *Professor Wallace*

BOTANY

1. AGRICULTURAL BOTANY

The course consists of a study of the fundamentals of growth and reproduction processes in plants. The botany of economic plants will be studied as much as possible and consideration given to weeds and weed seeds and their control.

1st Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Coulson*

CHEMISTRY

1. Elementary Chemistry, with applications to soils, fertilizers, feeding stuffs, and insecticides and fungicides.

1st Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor DeLong*

DAIRYING

6. A study of the composition of milk, the production of quality milk on the farm, pasteurization, butter and cheese processes. Testing dairy products, separating milk, butter and cheese making.

2nd Yr.:—2 lects., 2 labs., per wk., 2nd term. *Mr. Turgeon*

ECONOMICS

7. ECONOMIC PROBLEMS OF THE AGRICULTURAL INDUSTRY

A survey of the production and marketing of the principal farm products. The place of agriculture in the Canadian economy, its economic problems and prospects.

2nd Yr.:—2 lects., 1 lab., per wk., 1st term. *Dr. Haviland*

8. FARM ACCOUNTS AND FARM MANAGEMENT

A system of single entry farm accounts involving inventories, cash receipts and expenses; a system of production records; the analysis of farm account and production records as a means of improving efficiency of production; farm income tax. A study of the economic guides to farm

management decisions. A farm visit followed by (1) detailed study of the farm visited, and (2) the development of alternative farm management plans using the budget method.

2nd Yr.:—3 lects., 1 lab., per wk., 1st term. *Professor MacFarlane*

ENGLISH

The students will be divided into a Senior and a Junior Group according to their attainments in English Speech and Literature:—

2. Literature, written composition and public speaking are included in the course.

1st Yr.:—3 lects. per wk., 2 terms. *Professor Avison*

7. Lectures and laboratory work include a supervised reading course; instruction in practical forms of writing, the conduct of public meetings, and debating and discussion methods.

2nd Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Avison*

ENTOMOLOGY

3. An elementary treatment of the structure, habits, classification, and control of insects.

1st Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Morrison*

HORTICULTURE

4. GENERAL HORTICULTURE

A course dealing with the principles of farm horticulture, including the home garden, the propagation of plants, seed sowing, the improvement of the home surroundings, the farm orchard, and small fruits plantations.

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Murray and staff*

6. VEGETABLE GARDENING

The production of vegetables with reference to climate, soils, fertilizers, seeds, spraying, harvesting, grading, packing, storage, marketing and processing, with practical instruction in the greenhouse and laboratory throughout the course.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professors Murray and David*

7. ORNAMENTAL GARDENING

Foundation planting; choice and care of ornamental trees, shrubs, vines, and flowers for the home grounds, and the making and care of lawns. Some instruction will be given in commercial floriculture.

2nd Yr.:—2 lects., 1 lab., per wk., 1st term. *Mr. Pettit*

8. FRUIT GROWING

A practical study of orchard and small fruit production, including propagation, soils, fertilizers, culture, and other related phases, including spraying, harvesting, marketing, processing, and storage. One lecture per week during the second term will be used for complementary work on cold storage, by-products, etc.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professors Taper and David*

MATHEMATICS

1. A review of elementary arithmetic; decimals, percentage, ratio and proportion, mensuration; agricultural problems.

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Banting*

NUTRITION

6. FEEDS AND FEEDING

A study of common animal feedingstuffs, and of their use in livestock feeding.

2nd Yr.:—2 lects. per wk., 1st term.

PHYSICS

6. An elementary course dealing with the fundamental principles of Physics and their application in agricultural practice.

2nd Yr.:—1 lect., 2 labs., per wk., 1st term. *Professor Oliver*

PLANT PATHOLOGY

6. PLANT DISEASES

Studies of important plant diseases in horticultural crops, including losses, symptoms, cause, and spread.

2nd Yr.:—(Fruit Farming Group):—2 lects., 1 lab., per wk., 2nd term. *Professor Coulson*

POULTRY HUSBANDRY

1. PRODUCTIVE POULTRY HUSBANDRY

The elements of poultry production and marketing applicable to general farm use. A study is made of the various breeds of chickens, ducks, geese, and turkeys and their general management through a complete production cycle.

1st Yr.:—2 lects., 1 lab., per wk., 2 terms. *Professor Nikolaiczuk*

6. POULTRY MANAGEMENT PROBLEMS

The economic significance of the various factors influencing production returns on the basis of poultry management.

2nd Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor Maw*

PROJECT

6. Second year students are required to submit a project in the form of an essay and a questionnaire to be handed in not later than March 15th. The project work shall comprise outlining in detail the present organization of a farm business and the crop and livestock practices used on the farm. This shall include actual or carefully estimated farm costs, farm returns, and net income which might be expected under normal conditions from the present farm business. It shall also comprise the development of an alternate farm plan aimed at improving the productivity and income of the farm. This shall include a careful appraisal of the costs involved and a statement as to how and when the proposed changes are to be made. An analysis of the proposed plan indicating its advantages together with a compilation of the costs, returns, and net income, which might normally be expected during one year's operation under average conditions, is also required.

Questionnaire forms for organizing the necessary farm facts will be distributed before the close of the first year. They must be filled in during the summer and submitted as a part of the project.

The project will rank as a subject with an allowance of 100 marks and will become the property of the College.

2nd Yr.:—The equivalent of 2 labs., per wk., 2 terms.

Supervising Committee:—*Professor Hamilton (Chairman),*
Professors Cooper, MacFarlane, and Nikolaiczuk

DIPLOMA COURSE EXAMINATIONS

All students are required to give satisfactory evidence of mastery of the material of lecture and laboratory. Examinations are held at the end of the first term in all courses given and at the end of each course. The examiner will pass in to the Registrar the final mark giving the standing of each student in all the work of the course.

Students who obtain 75 per cent and over are placed in the first class: those who obtain 60 and less than 75 per cent, in the second class: and those who obtain 40 and less than 60 per cent, in the third class.

For purposes of evaluation a full course consists of two lectures and two laboratory periods per week for one term or its equivalent and is

rated at 100 marks. One lecture equals one laboratory period. More or less than full courses are rated proportionately. Students conditioned in papers of an aggregate value of 250 marks or less are required to write supplemental examinations in those subjects. Students conditioned in papers having an aggregate value of more than 250 marks are considered as having failed in the year's work.

Students who fail in the first year of the Diploma Course in Agriculture are not permitted to repeat the year, except by special action of the Faculty of Agriculture.

A student who is allowed to repeat a year may, by special permission, be exempted from attending lectures and passing examinations in one or more subjects in which he has already passed creditably and be required to take one or more subjects of the following year in his course. The choice of subjects must involve no conflict of hours in the time table.

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. See page 4520.

REGULAR SUPPLEMENTAL EXAMINATIONS

A regular supplemental examination is a first supplemental examination in a subject.

Regular supplemental examinations are held immediately preceding the opening of lectures in October, and following the sessional examinations in the spring.

A first supplemental examination in a subject, not involving the preparation of a special paper, may also be arranged in conjunction with the regular sessional examinations.

SPECIAL SUPPLEMENTAL EXAMINATIONS

Supplemental examinations taken at other times than those appointed, and supplemental examinations taken subsequent to a first supplemental examination, are special supplementals and must be arranged with the Registrar.

Every candidate for either a regular or a special supplemental examination is required to fill out an application form for such examination and to return it with the necessary fee ($2.00 per paper) at least three weeks before the examination begins. Application forms may be obtained from the Registrar.

No student writing a supplemental examination in a subject shall be granted marks higher than the required pass mark—i.e., 40%.

ADVANCED DIPLOMA COURSE

Students who obtain at least high second-class standing in each year of the Diploma Course, may continue for a further year. For admission to the third year the candidate's application and schedule of courses and any revision thereof must receive the approval of the Faculty.

The course is intended for those who do not desire a degree but are anxious to extend their educational equipment beyond the two year course and to train themselves for the responsibilities of rural leadership. It is designed to permit those of good ability and some maturity to pursue a course where more emphasis is placed upon private study and individual effort than is possible during the first two years, when lectures and classroom exercices consume the bulk of the student's time.

During the session, which, for the Advanced Diploma Course, dates from the opening of the Degree Course, the student's time is divided between assigned studies, projects, and departmental work. His curriculum includes reading, preparing reports, writing essays, and course work.

The course is not rigidly prescribed and is intended to be of a broad and general character. Nevertheless, it provides opportunity for the student to pay special attention to those phases of agriculture in which he is particularly interested. The courses taken will be selected from those listed below, but the student may be permitted to attend others which may be of value to him. The courses will be selected in consultation with the Chairman of the Diploma Course Committee.

At the end of his course of study, the student will submit himself to examinations in the individual courses taken when required, and to a series of comprehensive examinations in practical and scientific agriculture, written and oral, set by a Board of Examiners appointed for the purpose.

An Advanced Diploma in Agriculture may be awarded at the completion of the year's work or may be withheld until the student has demonstrated the necessary capacity in the work undertaken.

Only a limited number of students will be accepted each year.

Courses may be chosen from the following list, supplemented, if desired, by others approved by the Faculty:—

AGRICULTURAL ENGINEERING:—31, 32, 33, and 34.

AGRONOMY:—31, 32, 33, 36, and 43 (1st term).

ANIMAL HUSBANDRY:—30, 34, 35, 41, 45 and 46.

BOTANY:—30.

ECONOMICS:—*20, 30, 31, and 32.
ENGLISH:—*14, *26.
ENTOMOLOGY:—34.
EXTENSION METHODS:—*30.
HORTICULTURE:—31, 33, 38, 39, and 40.
PLANT PATHOLOGY:—31.
POULTRY HUSBANDRY:—31, 33, 35, and 38.

B.Sc. (Agr.) COURSE

This is a four-year course leading to the degree of Bachelor of Science in Agriculture; the degree when abbreviated is designated B.Sc. (Agr.).

The curriculum is organized with equal standards and similar plans to those of the other faculties of the University. During the first two years the work undertaken is common to all students and is limited to subjects which are basic in the study of all branches of agriculture. In the third and fourth years the student may specialize in a single branch of agriculture, or, in special cases, he may choose a combination of related subjects. In either case the outline of work must offer a comprehensive training in the major work and cognate subjects.

ENTRANCE

1. For General Requirements, see page 4528.
2. All candidates for admission to the four year course leading to the B.Sc. (Agr.) degree must produce one of the certificates indicated below. With the modifications noted, this applies also to all candidates for admission to the B.Sc. (H.Ec.) course.

a. A certificate of having passed the Junior School Certificate examination for entrance to the Faculty of Agriculture, which is held in June at McGill University and at other centres, and in September at McGill University only. All enquiries relating to this examination should be addressed to The Registrar, McGill University, Montreal 2, Que.

Every candidate must make application on a form which may be obtained from the Registrar's office, McGill University, Montreal. This application, with the proper fee, must reach the Registrar's office before 20th May for the June examination and before 20th August for the September examination. After these dates applications may be accepted for the Montreal centre only. A special late fee of $1.00 is charged for such applications. The fee is $2.00 per paper with a maximum fee of $15.00.

*The courses marked with an asterisk are required and examinations must be taken in them.

Subjects required for matriculation into the Faculty of Agriculture are:

Group	No. of Papers	
1.	2	English
2.	1	History
3.	2	Latin *or* French *or* German *or* Spanish (French preferred)
4.	2	Elementary Mathematics
5.	1	Physics or Chemistry or Biology.
		EITHER
6.	2	Latin or French or German or Spanish (if not already chosen).
		OR
		Any two of the following papers not already chosen:—
		a. Intermediate Algebra
		b. Intermediate Geometry and Trigonometry
		c. *Botany *Biology
		d. Chemistry
		e. Physics
		f. †Drawing
		g. Geography
		h. †Music. [B.Sc. (H.Ec.) candidates only]. (Music and Drawing may not both be chosen.)
		i. Agriculture

Total 10 papers.

An examination in Zoology of other reputable universities or recognized public examining boards will be accepted as an alternative to Botany or Biology.

To obtain entrance standing, a candidate must pass in every one of the above 10 papers and secure an average mark of at least 60% in the 10 papers combined. However, a student who fails in one or more of the papers may qualify for admission provided (a) his average in the 10 papers is not less than 65%, and (b) he has no mark in any of the 10 papers below 40%. Note that the above requirements do not correspond in all particulars to those for obtaining the High School Leaving

*Botany and Biology may not both be chosen.

†The High School Leaving Examination in Household Science will be accepted as an alternative to Music or Drawing for admission to the B.Sc. (H.Ec.) Course.

Certificate in the Province of Quebec, although the latter examinations are given recognition insofar as they fulfil McGill requirements.

b. The following certificates are accepted in lieu of the Junior School Certificate examination for admission to the Faculty of Agriculture provided that pass standing, according to the standards of the various examining bodies, is shown thereon in the subjects required in "*a*" above:

Province of Quebec:—
The High School Leaving Certificate.
The Catholic High School Leaving Certificate.

Province of Ontario:—
Grade XII Certificate.

Province of New Brunswick:—
Junior Matriculation.

Province of Nova Scotia:—
Grade XI Certificate.

Province of Prince Edward Island:—
Second Year Certificate of Prince of Wales College.

Province of British Columbia:—
Junior Matriculation.

Province of Manitoba:—
Grade XI Certificate.

Province of Alberta and Saskatchewan:—
Grade XI Certificate.

Newfoundland:—
Grade XI Certificate.

United States:—
Certificates issued by the College Entrance Examination Board.

c. Great Britain:—
In the General Certificate of Education, passes in five subjects at the Ordinary level, including English and Mathematics, will be the minimum standard for admission.

d. Miscellaneous:—
Other certificates, such as those issued by reputable universities or recognized public examining boards, will be judged on their merits and accepted in so far as they meet the entrance requirements.

Intending students who wish to enter by certificate should in no circumstances come to the College without having obtained from the Registrar a statement of the value of the certificates they hold.

Students with incomplete requirements may obtain standing in subjects included in the McGill School Certificate by writing McGill examinations.

3. *Farm Experience.* All candidates for the course leading to the B.Sc. (Agr.) degree must have had at least one season's experience on an approved farm, and must pass a practical test in ordinary farm operations. This experience can only be deferred by special action of the Faculty, and only in special cases.

College and experimental farms, while affording excellent opportunities in special lines of work, are not approved for purposes of general experience.

COURSE REQUIREMENTS

The requirements for graduation are:—

(a) Pass standing in all courses of the First and Second years, as outlined below.

(b) Pass standing in the Third and Fourth year courses equivalent to a minimum of 11 courses.

(c) Satisfactory distribution and concentration of courses:—See *Courses of Study* below.

(d) Satisfactory fulfilment of regulations concerning summer work for specialists.

SYLLABUS

B.Sc. (Agr.) Course

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
FIRST YEAR					
Agriculture:—					
General Agriculture	10	2	1	2	
Botany:—					
Introductory Botany	10	2	2	2	2
Chemistry:—					
Inorganic Chemistry	10	3	2	3	2
English:—					
Composition	14	1	1	1	1
Literature	16	2	..	2	..
Mathematics:—					
Elementary Mathematical Analysis	10	3	..	3	..
Physics:—					
General Physics	12	3	1	3	1
SECOND YEAR					
Agriculture:—					
General Agriculture	20	2	1	2	1
Chemistry:—					
Organic Chemistry	20	3	2	3	2
Economics:—					
Elementary Principles	20	..	..	3	..
*English:—					
Modern Literature	25	2	..	2	..
or					
Speaking and Writing	26	2	..	1	1
Mathematics:—					
Calculus	20	3	..	3	..
Physics:—					
General Physics	22	3	1	3	1
Zoology:—					
General Zoology	20	2	2	2	2

*Second year students must take either English 25 or English 26.

See also elective courses in French and History, page 4580.

SYLLABUS

B.Sc. (Agr.) Course

Third and Fourth Years

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Agricultural Engineering:						
Farm Buildings	31	4	2	2	Second	
Spraying and Dusting Equipment	32	2	..	2	Second	
Farm Machinery	33	4	2	2	First	
Farm Power Machinery	34	4	2	2	Second	
Agricultural Drafting	35	6	..	3	Both	
Projects	36	3	..	3	Second	
Mechanics of Materials	37	4	2	..	Both	
Shopwork	38	6	1	2	Both	
Engineering for Land Development	39	4	2	1	First	}
		2	2	..	Second	}
Farm Electrification	40	6	2	1	Both	
Agronomy:						
Cereal Crops	31	4	2	2	Second	
Hay and Pasture Crops	32	4	2	2	First	
Roots, Corn and other Silage Crops	33	3	2	1	First	
Plant Breeding	35	3	2	1	Second	
Crop Adaptation and Distribution	36	3	2	1	Second	
Soil Management	38	2	2	..	Second	
Projects	42	2	.	½	Both	
Field Crop Production	43	4	2	..	Both	
Laboratory work of Course 43	430	2	..	1	Both	
Statistical Methods	44	2	..	2	First	
Animal Husbandry:						
Swine Production	30	3	2	1	First	
Dairy Cattle Production	34	3	2	1	Second	
Livestock Judging and Management	35	3	..	3	Second	
Animal Breeding	38	3	2	1	Second	
Horses, Sheep and Beef Cattle	41	3	2	1	Second	
Projects	42	3	.	3	First	
Livestock Judging and Management	43	3	..	3	First	
Animal Pathology:						
Elementary Physiology	30	3	3	..	Second	
Disease Prevention A	31	3	3	..	First	
Poultry Diseases	32	2	.	2	First	
Disease Prevention B	34	3	2	1	Second	
Bacteriology:						
General Microbiology	30	4	2	2	Second	
Soil Microbiology	32	4	2	2	First	
Laboratory Methods	33	4	1	3	Second	
Food Microbiology	34	4	2	2	Second	
Dairy Bacteriology	35	4	2	2	Second	
Projects	36	9	..	3	First	}
		..	..	6	Second	}
Seminar	37	2	1	..	Both	
Physiology of Microorganisms	38	4	1	3	First	

SYLLABUS

B.Sc. (Agr.) Course

Third and Fourth Years (*continued*)

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Botany:						
Plant Physiology	30	4	2	2	Second	
Histology and Cytology	31	3	2	1	Second	
Plant Morphology	32	2	..	2	First	
Systematic Botany	33	3	..	2	First	
		..	..	1	Second	
Technique	34	2	..	2	First	
Chemistry:						
Analytical Chemistry	30	4	2	..	Both	
Laboratory work of Course 30	300	8	..	4	Both	
Course 300 abridged	301	6	..	3	Both	
Organic Preparations	31	3	1	2	First	
Biochemistry	32	2	2	..	First	
Laboratory work of Course 32	320	2	..	2	First	
Physical Chemistry	39	6	1	2	Both	
Projects	40	6	..	3	Both	
Seminar	41	2	1	..	Both	
Physiological Chemistry	47	2	2	..	Second	
Laboratory work of Course 47	470	2	..	2	Second	
Plant Biochemistry	48	2	2	..	Second	
Laboratory work of Course 48	480	2	..	2	Second	
Food Chemistry	51	4	2	2	First	
Advanced Food Analysis	52	4	2	2	Second	
Introductory Soil Science	54A	2	2	..	First	
Laboratory work of Course 54A	540A	2	..	2	First	
Introductory Soil Science	54B	2	2	..	Second	
Laboratory work of Course 54B	540B	2	.	2	Second	
Dairying	30	4	2	2	First	
Economics:						
Marketing of Farm Products	30	3	3	..	Second	
Economics of Agriculture	31	3	3	..	Second	
Farm Accounting and Farm Management	32	3	3	..	First	
Economic Analysis	33	6	3	..	Both	
Project	34	3	..	3	Either	
English:						
Literature of Rural Life	31	3	1	..	First	
		.	2	..	Second	
Modern Drama	32	3	2	..	First	
			1	..	Second	
Extension Methods	30	4	1	1	Both	
Entomology:						
Insect Morphology	30	8	2	2	Both	
Technique	32	2	..	2	Second	
Economic Entomology	33	8	2	2	Both	
General Entomology	34	4	2	2	Second	
Systematic Entomology	35	8	2	2	Both	
Insect Ecology	36	2	2	..	Second	
Seminar (3rd year)	37	2	..	1	Both	1954-55
Seminar (4th year)	37	2	..	1	Both	
Projects	38	4	..	2	Both	
Economic Entomology	39	2	..	1	Both	
French	30	6	3	..	Both	

SYLLABUS

B.Sc. (Agr.) Course

Third and Fourth Years (*continued*)

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Genetics:						
Elementary Genetics	30	3	3	..	First	
Laboratory work of Course 30	300	2	..	2	First	
History	30	6	3	..	Both	
Horticulture:						
Vegetable Crops	31	4	2	..	Both	
Laboratory work of Course 31	310	4	..	2	Both	
Landscape Architecture	32	4	2	2	First	
Floriculture	35	4	2	2	Second	
Plant Breeding	36	3	2	1	Second	
Seminar	37	2	..	1	Both	
Pomology (Orchard Fruits)	38	2	2	..	First	
Laboratory work of Course 38	380	2	..	2	First	
Pomology (Small Fruits)	39	2	2	..	Second	
Laboratory work of Course 39	390	2	..	2	Second	
Fruit and Vegetable Preservation	42	3	2	1	First	
Horticultural Crops	43	3	2	1	First	
Horticultural Crops	44	3	2	1	Second	
Mathematics:						
Elementary Differential Equations	30	2	1	..	Both	
Elementary Statistics	31	3	1	1	First	
			..	1	Second	
Nutrition:						
Fundamentals of Nutrition	30	4	2	..	Both	
Laboratory work of Course 30	300	2	..	1	Both	
Animal Feedstuffs	32	2	2	..	Second	
Seminar	33	3	..	3	Either	
Parasitology:						
Seminar	34	2	..	1	Both	
Projects	35	3	..	3	Second	
Protozoology	36	4	2	2	First	1954-55
Medical Entomology	37	4	2	2	Second	1954-55
Helminthology	38	6	2	4	Second	1953-54
Physics:						
Meteorology	32	1	1	..	Second	
Biophysics	33	4	2	2	First	
Biophysics	33a	2	1	1	First	
Soil Physics	36	2	1	1	First	
Molecular and Atomic Physics	38	4	2	..	Both	
Plant Pathology:						
Technique	30	2	..	2	Second	
Diseases of Plants	31	4	2	2	First	
Plant Pathology	32	4	2	2	Second	
Mycology	33	4	2	2	First	
Projects	34	4	..	2	Both	
Seminar	35	2	..	1	Both	
Plant Pathology	36	8	2	2	Both	
Poultry Husbandry:						
History of Breeds and Judging	31	2	..	2	First	1953-54
General Poultry Husbandry	33	3	3	..	First	
Laboratory work of Course 33	330	1	..	1	First	
Breeding Principles	34	3	2	1	Second	1953-54
Poultry Farm Management	35	4	1	1	Both	
Research	36	4	..	2	Both	
Projects (Third Year)	37	2	..	2	Second	
Projects (Fourth Year)	37	6	..	3	Both	
Poultry Nutrition	38	3	2	1	Second	1953-54
Sociology:						
Introduction to Sociology	40	3	3	..	Either	
Zoology:						
Comparative Vertebrate Anatomy	31	8	2	2	Both	1953-54
Technique	32	2	..	2	First	

EVALUATION OF COURSES

For the purposes of evaluation, a full course consists of three lectures per week throughout the year, and is rated at 150 marks. A two-hour laboratory period equals one lecture period. More or less than full courses are rated proportionately. Where the unit of instruction is considered to be a single period per week per term, six units would constitute a full course.

COURSES OF STUDY

Before entering upon the third year, students must prepare, in consultation with the professors under whom major subjects are to be taken, summaries of courses to be taken in the third and fourth years, which shall include the equivalent of not less than 11 nor more than 12½ full courses (*i.e.*, from 66 to 75 units). Term schedules must be approved by the Faculty.

During the third and fourth years, students may specialize in any one of the following subjects. In special cases, and when approved by Faculty, a combination of two subjects may be arranged. In this case not less than 3½ full courses (21 units) must be taken in each subject.

MAJOR SUBJECTS OFFERED

Agricultural Engineering
Agronomy
Animal Husbandry
Bacteriology
Chemistry
Economics
Entomology
Entomology-Parasitology
Horticulture
Plant Pathology
Poultry Husbandry

In addition to the foregoing, courses are offered in General Agriculture and in General Biology, as follows:

GENERAL AGRICULTURE

This option is designed for students who do not care to follow one of the specialized courses offered but who wish to obtain a general training in agriculture together with the basic sciences. It offers the type of training asked for by those wishing to farm, to do extension work, or to enter the commercial field. It is arranged to meet the requirements of students who wish to give special attention to combinations of subjects which are not provided for otherwise. Though planned as a general course, it provides the possibility of pursuing graduate studies.

GENERAL BIOLOGY

This option is designed for students who do not desire to take one of the more rigid professional courses during their undergraduate years, but rather to select courses which will serve as a foundation to later specialization in one of the fields of Applied Biology as it relates to Agriculture. The courses in this option are arranged so that the student may emphasize either the botanical or the zoological sciences.

The following are the courses which are obligatory in the various options. Any additional courses needed to make up the minimum requirements of 66 units may be selected from any courses listed in the Announcement, subject to time table restrictions. No schedule may contain more than 75 units.

AGRICULTURAL ENGINEERING

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	34	..	..	2	2
Agricultural Engineering	35	..	3	..	3
Agricultural Engineering	37	2	..	2	..
Agricultural Engineering	38	1	2	1	2
Animal Husbandry	34	..	..	2	1
Chemistry	54 a, b	2	..	2	..
Economics	32	3	..	..	..
Plant Pathology	31	2	2	..	..
Mathematics	30	1	..	1	..
Total units		18		18	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	31	..	..	2	2
Agricultural Engineering	32	..	..	..	2
Agricultural Engineering	33	2	2	..	..
Agricultural Engineering	36	..	..	..	3
Agricultural Engineering	39	2	2	2	..
Agricultural Engineering	40	2	1	2	1
Agronomy	43	2	..	2	..
Agronomy	430	..	1	..	1
Physics	36	1	1	..	..
Total units		16		17	

Total—69 units

AGRONOMY

PRODUCTION AND PLANT BREEDING GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	31	..	..	2	2
Agronomy	42	..	½	..	½
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	2
Botany	33	..	2	..	1
Chemistry	32	2	..	..	..
Chemistry	54 a, b	2	..	2	..
Chemistry	540 a, b	..	2	..	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Mathematics	31	1	1	..	1
Physics	33	2	2	..	..
Total units		19		19	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	33	2	2	..	..
Agronomy	32	2	2	..	..
Agronomy	33	2	1	..	..
Agronomy	35	..	..	2	1
Agronomy	36	..	..	2	1
Agronomy	38	..	..	2	..
Agronomy	42	..	½	..	½
Agronomy	44	..	2	..	..
Animal Husbandry	34	..	..	2	1
Economics	31	..	..	3	..
Entomology	34	..	..	2	2
Plant Pathology	31	2	2	..	..
Total units		17		19	

Total—74 units

PRODUCTION AND SOIL FERTILITY GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	42	..	½	..	½
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	2
Botany	33	..	2	..	1
Chemistry	32	2	..	..	..
Chemistry	54 a, b	2	..	2	..
Chemistry	540 a, b	..	2	..	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Mathematics	31	1	1	..	1
Physics	33	2	2	..	..
Total units		19		15	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	39 A	2	2	..	..
Agronomy	31	..	..	2	2
Agronomy	32	2	2	..	..
Agronomy	33	2	1	..	..
Agronomy	36	..	..	2	1
Agronomy	38	..	..	2	..
Agronomy	42	..	½	..	½
Agronomy	44	..	2	..	..
Bacteriology	32	2	2	..	..
Chemistry	30	2	..	2	..
Chemistry	301	..	3	..	3
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Total units		22		19	

Total—75 units

ANIMAL HUSBANDRY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Husbandry	30	2	1	..	..
Animal Husbandry	34	..	..	2	1
Animal Husbandry	35	..	..	..	3
Animal Husbandry	38	..	..	2	1
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Mathematics	31	1	1	..	1
Physics	33a	1	1	..	..
Total units		16		19	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	43	2	..	2	..
Agronomy	430	..	1	..	1
Animal Husbandry	41	..	..	2	1
Animal Husbandry	42	..	3	..	..
Animal Husbandry	43	..	3	..	..
Animal Pathology	31	3	..	..	..
Animal Pathology	34	..	..	2	1
Dairying	30	2	2	..	..
Economics	31	..	..	3	..
Nutrition	30	2	..	2	..
Nutrition	300	..	1	..	1
Nutrition	32	..	..	2	..
Total units		18		18	

Total—71 units

BACTERIOLOGY

THIRD YEAR

SUBJECTS	Course Numbers	First Term		Second Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Bacteriology	33	..	..	1	3
Chemistry	30, 300	2	4	2	4
Chemistry	32, 320	2	2	..	..
Chemistry	47, 470 or 48, 480	..	..	2	2
Mathematics	31	1	1	..	1
Physics	33	2	2	..	..
Total units		16		22	

FOURTH YEAR

SUBJECTS	Course Numbers	First Term		Second Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	44	..	2	..	..
Bacteriology	32	2	2	..	..
Bacteriology	34	..	..	2	2
Bacteriology	35	..	..	2	2
Bacteriology	36	..	3	..	6
Bacteriology	37	1	..	1	..
Bacteriology	38	1	3	..	..
Soils:					
Chemistry	540a	..	2	..	..
Chemistry	54b, 540b	..	..	2	2
Total units for soils group		16		19	
Foods:					
Chemistry	51	2	2	..	..
Chemistry	52	..	..	2	..
Total units for foods group		18		17	

Total—73 units

CHEMISTRY

ANIMAL BIOCHEMISTRY GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Chemistry	30	2	..	2	..
Chemistry	300	..	4	..	4
Chemistry	31	1	2	..	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Chemistry	470	..	..	..	2
Mathematics	30	1	..	1	..
Physics	33	2	2	..	..
Total units		18		18	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	34	..	..	2	2
Chemistry	39	1	2	1	2
Chemistry	40	..	3	..	3
Chemistry	41	1	..	1	..
Chemistry	51	2	2	..	..
Chemistry	52	..	..	2	2
Mathematics	31	1	1	..	1
Nutrition	30	2	..	2	..
Nutrition	300	..	1	..	1
Physics	38	2	..	2	..
Total units		17		22	

Total—75 units

SOIL AND PLANT GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	2
Chemistry	30	2	..	2	..
Chemistry	300	..	4	..	4
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	54 a, b	2	..	2	..
Chemistry	540 a, b	..	2	..	2
Mathematics	30	1	..	1	..
Physics	33	2	2	..	..
Total units		19		19	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	38	..	..	2	..
Bacteriology	32	2	2	..	..
Chemistry	31	1	2	..	..
Chemistry	39	1	2	1	2
Chemistry	40	..	3	..	3
Chemistry	41	1	..	1	..
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Mathematics	31	1	1	..	1
Physics	36	1	1	..	..
Physics	38	2	..	2	..
Total units		22		14	

Total—74 units

ECONOMICS

Students electing Economics as a major subject take their Third year work at Macdonald College and their Fourth year work in the Department of Economics and Political Science at McGill University. They must have attained a standing in the first two years equivalent to at least second class honours according to the standards of the Faculty of Arts and Science, and have their courses approved by the Chairmen of the departments concerned. This option fulfils the academic requirements for admission to the Faculty of Graduate Studies and Research for work leading to the degree of Master of Arts. Unlike other options, a minimum of only 61 units is required.

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	43	2	..	2	..
Agronomy	430	..	1	..	1
Animal Husbandry	30	2	1	..	..
or					
Horticulture	43	2	1	..	..
Animal Husbandry	34	..	..	2	1
or					
Horticulture	44	..	..	2	1
Chemistry	54 a, b	2	..	2	..
Chemistry	540 a	..	2	..	..
Economics	30	..	..	3	..
Economics	31	..	..	3	..
Economics	32	3	..	..	..
Economics	33	3	..	3	..
Extension Methods	30	1	1	1	1
Total units		18		19	

FOURTH YEAR (at McGill)

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Economics	321	3	..	3	..
Economics	361	3	..	3	..
Economics	412	3	..	3	..
Elective		3	..	3	..
Total units		12		12	

321—Money and Banking.
361—Statistics.
412—Economic Analysis.

Total—61 units

ENTOMOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Entomology	30	2	2	2	2
Entomology	32	..	..	..	2
Entomology	37	..	1	..	1
Genetics	30	3	..	..	..
Physics	33	2	2	..	..
Zoology	32	..	2	..	..
Total units		18		7	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Entomology	33	2	2	2	2
Entomology	35	2	2	2	2
Entomology	37	..	1	..	1
Mathematics	31	1	1	..	1
Plant Pathology	31	2	2	..	..
Total units		15		10	

Third or Fourth Year (depending on session offered).

Entomology 36 — 2 lects., per week, 2nd term (1954-55).

Entomology 38 — 2 labs., per week, both terms.

Zoology 31 — 2 lects., 2 labs., per week, both terms (1953-54).

Total—64 units

ENTOMOLOGY — PARASITOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Entomology	30	2	2	2	2
Entomology	32	..	..	..	2
Parasitology	34	..	1	..	1
Physics	33	2	2	..	..
Zoology	32	..	2	..	..
Total units		15		10	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Entomology	35	2	2	2	2
Mathematics	31	1	1	..	1
Parasitology	34	..	1	..	1
Parasitology	35	..	..	..	3
Total units		7		13	

Third or Fourth Year (depending on session offered).

Parasitology 36 — 2 lects., 2 labs., per week, 1st term. (1954-55)

Parasitology 37 — 2 lects., 2 labs. per week, 2nd term. (1954-55)

Parasitology 38 — 2 lects., 4 labs. per week, 2nd term. (1953-54)

Zoology 31 — 2 lects., 2 labs. per week, both terms. (1953-54)

Total—67 units

†GENERAL AGRICULTURE

THIRD YEAR—Obligatory courses

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
*Agronomy	43	2	..	2	..
*Agronomy	430	..	1	..	1
Animal Husbandry	34	..	..	2	1
Animal Pathology	30	..	..	3	..
or					
Botany	30	..	..	2	2
Chemistry	32	2	..	..	..
Chemistry	54 a, b	2	..	2	..
Chemistry	540 a, b	..	2	..	2
Mathematics	31	1	1	..	1
Physics	33 a	1	1	..	..
Plant Pathology	31	2	2	..	..
Total units		17		14 or 15	

THIRD YEAR—Elective courses

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	32	2	2	..	..
or					
Agronomy	33	2	1	..	..
Agricultural Engineering	39 A	2	2	..	..
or					
Dairying	30	2	2	..	..
Animal Husbandry	41	..	..	2	1
Animal Husbandry	35	..	..	..	3
Economics	31	..	..	3	..
Horticulture	44	..	..	2	1
Poultry	33	3	..	..	..
Poultry	330	..	1	..	..
Total units		11 or 12		12	

*To be taken by all students in this option with the exception of those who have taken an equivalent course elsewhere.

†It is intended that elective courses to bring the total units up to the requirements (minimum 66, maximum 75), shall be chosen from those listed. However, other courses listed in the Announcement may also be elected.

GENERAL AGRICULTURE

FOURTH YEAR—Obligatory courses

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Husbandry	30	2	1	..	..
Bacteriology	30	..	..	2	2
Economics	30	..	..	3	..
Economics	32	3	..	..	..
Extension Methods	30	1	1	1	1
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Nutrition	30	2	..	2	..
Total units		15		11	

FOURTH YEAR—Elective courses

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	33	2	2	..	..
Agricultural Engineering	34	..	..	2	2
Agronomy	31	..	..	2	2
Agronomy	38	..	..	2	..
Animal Husbandry	38	..	..	2	..
Entomology	34	..	..	2	2
Animal Pathology	31	3	..	..	..
or					
Horticulture	43	2	1	..	..
Total units		7		16	

Total—57 or 58 units

GENERAL BIOLOGY

BOTANICAL GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Botany	30	..	..	2	2
Botany	31	..	..	2	1
Botany	34	..	2	..	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Mathematics	31	1	1	..	1
Physics	33	2	2	..	..
Plant Pathology	31	2	2	..	..
Total units		16		12	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Botany	32	..	2	..	..
Entomology	34	..	..	2	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Plant Pathology	33	2	2	..	..
Plant Pathology	35	..	1	..	1
Total units		12		9	

Third or Fourth Year (depending on session offered).
Zoology 31 2 lects., 2 labs. per week, both terms (1953-54).

Total—57 units

ZOOLOGICAL GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Botany	32	..	2	..	..
Botany	33	..	2	..	1
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Chemistry	470	..	..	..	2
Entomology	30	2	2	2	2
Entomology	37	..	1	..	1
Physics	33	2	2	..	..
Zoology	32	..	2	..	..
Total units		19		10	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Entomology	34	..	..	2	2
Entomology	37	..	1	..	1
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Mathematics	31	1	1	..	1
Plant Pathology	31	2	2	..	..
Total units		12		13	

Third or Fourth Year (depending on session offered).

Entomology 36 2 lects., per week, 2nd term. (1954-55).

Zoology 31 2 lects., 2 labs. per week, both terms. (1953-54)

Total—64 units

HORTICULTURE

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	2
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	54 a, b	2	..	2	..
Chemistry	540 a, b	..	2	..	2
*Horticulture	38	2	..	..	..
*Horticulture	380	..	2	..	..
*Horticulture	39	..	..	2	..
*Horticulture	390	..	..	..	2
Mathematics	31	1	1	..	1
Physics	33	2	2	..	..
Plant Pathology	31	2	2	..	..
Total units					

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	44	..	2	..	..
Agricultural Engineering	39 A	2	2	..	..
Botany	33	..	2	..	1
Entomology	34	..	..	2	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
*Horticulture	31	2	..	2	..
*Horticulture	310	..	2	..	2
*Horticulture	32	2	2	..	..
*Horticulture	35	..	..	2	2
Horticulture	36	..	..	2	1
Horticulture	37	..	1	..	1
Total units					

Total—71 units

*Horticulture specialists must take two of the following three groups: Horticulture 31,310: Horticulture 32 and 35: Horticulture 38,380 and 39,390.

PLANT PATHOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	2
Botany	31	..	..	2	1
Botany	34	..	2	..	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Mathematics	31	1	1	..	1
Physics	33	2	2	..	..
Plant Pathology	30	..	..	..	2
Plant Pathology	33	2	2	..	..
Plant Pathology	36	2	2	2	2
Total units		20		18	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	32	..	..	..	2
Botany	32	..	2	..	..
Botany	33	..	2	..	1
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Entomology	34	..	..	2	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Horticulture	44	..	..	2	1
Plant Pathology	32	..	..	2	2
Plant Pathology	35	..	1	..	1
Total units		10		19	

Total—67 units

POULTRY HUSBANDRY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Economics	30	..	..	3	..
Economics	32	3	..	..	..
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Physics	33	2	2	..	..
Poultry	33	3	..	..	..
Poultry	330	..	1	..	..
Poultry	37	..	..	..	2
Total units		20		12	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	32	2	2	..	..
Animal Pathology	32	..	2	..	..
Animal Husbandry	38	..	..	2	1
or					
Chemistry	47	..	..	2	..
Chemistry	470	..	..	..	2
Economics	31	..	..	3	..
Mathematics	31	1	1	..	1
Poultry	35	1	1	1	1
Poultry	36	..	2	..	2
Poultry	37	..	3	..	3
Total units		15		14 or 15	

Third or Fourth Year (depending on session offered).

Poultry 31 2 labs., per week, 1st term (1953-54).
Poultry 34 2 lects., 1 lab. per week 2nd term (1953-54).
Poultry 38 2 lects., 1 lab. per week 2nd term (1953-54).

Total—69 or 70 units

SUMMER WORK REQUIREMENTS

Students majoring in Agronomy are required to spend one summer in the Agronomy Department at the College, or at some other approved college or experimental farm. This may be between the second and third, or third and fourth years. Arrangements will be made during this time to put the student in touch with each of the phases of the department's work.

Students majoring in Agricultural Engineering are required to work for a summer in some phase of agricultural engineering work approved by the Agricultural Engineering Department.

Students majoring in Animal Husbandry are required to work for a summer on a farm approved by the Animal Husbandry Department.

Students majoring in Horticulture are required to work for a summer on a vegetable farm, a fruit farm, or a nursery, or in a greenhouse.

Students majoring in Entomology or Plant Pathology are required to spend one summer in field or laboratory work, either at the College immediately under the direction of the department concerned, or in one of the Government laboratories, or in some other place approved by the department concerned.

Students majoring in Poultry Husbandry are required to work for a summer on a poultry farm approved by the Poultry Husbandry Department.

SUMMER WORK FOR B.Sc. (Agr.) STUDENTS

A certain number of students who have completed at least one session in the B.Sc. (Agr.) course may be employed during the spring and summer months to assist in the work of the various departments of the College. Such students will be paid according to the character and quantity of their work and, whilst in residence, will have to conform to the usual regulations. No other students may remain in residence without special permission from the Dean.

DESCRIPTION OF COURSES—

DEPARTMENT OF AGRICULTURAL ENGINEERING

Professor	ANGUS BANTING
Associate Professor	J. H. COOPER
Assistant Professor	A. C. MALLOCH

31. FARM BUILDINGS

Requirements, design and construction of various farm buildings, insulation, heat loss, ventilation and sanitation. Prerequisite, Agr. Eng. 35A and 37.

2 lects., 2 labs., per wk., 2nd term. *Professors Banting and Malloch*

Text Book:—Foster and Carter, Farm Buildings.

32. SPRAYING AND DUSTING EQUIPMENT

A laboratory study of spray pumps, dusting machines, spray guns, and other equipment.

2 labs. per wk., 2nd term. *Professor Malloch*

33. FARM MACHINERY

A study of tillage, harvesting, and crop processing machinery. Field tests, dynamometer studies, hitches and adjustments.

2 lects., 2 labs., per wk., 1st term. *Professor Malloch*

Text Book:—Smith, Farm Machinery and Equipment.

34. FARM POWER MACHINERY

A study of internal combustion engines, tractors, and power transmission.

2 lects., 2 labs., per wk., 2nd term. *Professor Cooper*

Text Book:—Jones, Farm Gas Engines and Tractors.

35. AGRICULTURAL DRAFTING

A. The use of drawing instruments, projection, elementary architectural drawing.

B. Perspective, architectural and machine drawing.

3 labs. per wk., 2 terms. *Professor Malloch*

36. PROJECTS

Second term. Credit—one-half course.

37. MECHANICS OF MATERIALS

Resolution and composition of force systems; force polygons; centres of gravity; reactions and stresses in structures. Strength of materials.

2 lects. per wk., 2 terms. *Professor Cooper*

Text Book:—Poorman, Applied Mechanics.

38. SHOPWORK

Hand and power equipment in woodworking; structural joints and fastenings; ropework and belting. *Professor Malloch*

Metals: properties and physical tests, heat treatments, forging, welding (forge, flame, arc), soldering. Machine shop techniques. *Professor Cooper*

1 lect., 2 labs., per wk., 2 terms.

Text Book:—Ashcroft and Easton, General Shopwork.

39. ENGINEERING FOR LAND DEVELOPMENT

Part I. Methods of land surveying applicable to agriculture, including area surveys, levelling, mapping, and making of drainage profiles: land drainage, elements of hydraulics. Part II. Engineering aspects of erosion control, farm pond design, irrigation, and land clearing. Prerequisite, Part I. Course value, 6 units. Non-specialists may elect Part I only if desired.

Part I, 2 lects., 1 lab., per wk., 1st term and 5 days of field work prior to opening date of session. Part II, 2 lects. per wk., 2nd term.

Professor Banting

Text Book:—Ayres and Scoates, Land Drainage and Reclamation.

40. FARM ELECTRIFICATION

Applied electricity, current distribution on the farm, wiring codes, motors and electric equipment for the farm.

2 lects., 1 lab., per wk., 2 terms. *Professor Cooper*

Text Book:—Gray and Wallace, Principles and Practice of Electrical Engineering.

AGRICULTURE

Offered jointly by the departments of Agricultural Engineering, Agronomy, Animal Husbandry, Economics, Horticulture, and Poultry Husbandry.

10. AGRICULTURE

An orientation course giving the student an opportunity to obtain a general view of agriculture, and some idea of the nature and problems of the various branches in relation to each other and to the sciences.

1st Yr.:—2 lects., 1 lab., per wk., 2 terms.

20. AGRICULTURE

In continuation of Course 10.

2nd Yr.:—2 lects., 1 lab., per wk., 2 terms.

DEPARTMENT OF AGRONOMY

Professor	L. C. RAYMOND
Associate Professors	E. A. LODS
	H. A. STEPPLER
Assistant Professor	R. I. BRAWN

31. CEREAL CROPS

An intensive study of cereal crops; production, marketing, uses, types, varieties, strains, commercial and seed grades.

2 lects., 2 labs., per wk., 2nd term. *Professor Lods*

32. HAY AND PASTURE CROPS

Similar to Cereal Crops.

2 lects., 2 labs., per wk., 1st term. *Professor Steppler*

33. ROOTS, CORN AND OTHER SILAGE CROPS

Similar to Cereal Crops.

2 lects., 1 lab., per wk., 1st term. *Professor Raymond*

35. PLANT BREEDING

Problems, methods, and the interpretation of results, in the breeding of field crops. Prerequisite:—Genetics 30, and Botany 33 or one Crops Course.

2 lects., 1 lab., per wk., 2nd term. *Professor Brawn*

36. CROP ADAPTATION AND DISTRIBUTION

Factors influencing crop adaptation and their effect on distribution. Agronomic organizations.

2 lects., 1 lab., per wk., 2nd term. *Professor Brawn*

38. SOIL MANAGEMENT

An analysis of factors influencing soil productivity and their control. Prequisite:—Chemistry 54 and 540.

2 lects. per wk., 2nd term. *Professor Steppler*

42. PROJECTS

Directed study on an approved problem, either in the breeding or production phase.

Equivalent of ½ lab. per wk., 2 terms. 3rd and 4th years.

Professor Raymond and Staff

43. FIELD CROP PRODUCTION

Designed for students other than specialists in Agronomy. A study of field crops, their adaptation, weed control, and seed production.

2 lects. per wk., 2 terms. *Professor Lods*

430. LABORATORY PORTION OF COURSE 43

1 lab. per wk., 2 terms.

44. STATISTICAL METHODS

Experimentation, analysis, and design in biological research. Prerequisite:—Mathematics 31 or its equivalent. See also course Agronomy 60 in the Faculty of Graduate Studies and Research, of which this is a part.

2 labs. per wk., 1st term. *Professor Steppler*

DEPARTMENT OF ANIMAL HUSBANDRY

Professors	A. R. NESS E. W. CRAMPTON
Associate Professor	LIONEL H. HAMILTON
Lecturer	J. E. MOXLEY
Instructor in Dairying	J. P TURGEON

30. SWINE PRODUCTION

Care, feed, and management of swine. Special problems of bacon hog production. Swine experimentation and interpretation of results.

2 lects., 1 lab., per wk., 1st term. *Professor Hamilton*

34. DAIRY CATTLE PRODUCTION

The production of dairy cattle, with special reference to the problems of the dairy cattle industry; breeding, care and management of dairy cattle; and dairy cattle organizations.

2 lects., 1 lab., per wk., 2nd term. *Professor Ness*

35. LIVESTOCK JUDGING AND MANAGEMENT

An introductory course dealing with the principles and practice of livestock selection.

3 labs. per wk., 2nd term. *Mr. Moxley*

38. ANIMAL BREEDING

Genetics in relation to the breeding of farm animals. Prerequisite:—Genetics 30.

2 lects., 1 lab., per wk., 2nd term. *Mr. Moxley*

41. HORSES, SHEEP AND BEEF CATTLE

A course covering the important features of the production of these classes of stock in Canada.

2 lects., 1 lab., per wk., 2nd term. *Professor Hamilton*

42. PROJECTS

In special cases, permission may be obtained to substitute Nutrition 33 for this course.

3 labs. per wk., 1st term. *Professor Ness and Staff*

43. LIVESTOCK JUDGING AND MANAGEMENT

An advanced course in livestock selection and management. This course includes visits to various farms, breeding establishments, and livestock shows.

3 labs. per wk., 1st term. *Professors Ness and Hamilton*

DEPARTMENT OF ANIMAL PATHOLOGY

Assistant Professor D. G. DALE

30. ELEMENTARY PHYSIOLOGY

3 lects. per wk., 2nd term *Professor Dale*

31. DISEASE PREVENTION (a)

General principles of disease prevention, elementary immunology, sanitation and hygiene. Prerequisite:—Animal Pathology 30 and Bacteriology 30 or its equivalent.

3 lects. per wk., 1st term. *The staff*

32. POULTRY DISEASES

Autopsies, laboratory work, and demonstrations. Prerequisite : — Bacteriology 30.

2 labs. per wk., 1st term. *The staff*

34. DISEASE PREVENTION (b)

Specific problems in the prevention of diseases of animals caused by bacteria, viruses, internal parasites, external parasites, and nutritional deficiences. Prerequisite:—Animal Pathology 31.

2 lects., 1 lab., per wk., 2nd term. *Professor Dale*

DEPARTMENT OF BACTERIOLOGY

Professor P. H. H. GRAY

Assistant Professor R. H. WALLACE

30. GENERAL MICROBIOLOGY

This course is a prerequisite to the courses listed below.

2 lects., 2 labs., per wk., 2nd term. *Professor Gray*

Text Books:—For students majoring in Bacteriology: Frobisher, Fundamentals of Bacteriology. For students in other options: Swingle, General Bacteriology.

32. SOIL MICROBIOLOGY
2 lects., 2 labs., per wk., 1st term. *Professor Gray*

33. LABORATORY METHODS
1 lect., 3 labs., per wk., 2nd term *Professor Wallace*
Text Book:—Manual of Methods for the Pure Culture Study of Bacteria.

34. FOOD MICROBIOLOGY
2 lects., 2 labs., per wk., 2nd term. *Professor Wallace*

35. DAIRY BACTERIOLOGY
2 lects., 2 labs., per wk., 2nd term. *Professor Gray*

36. PROJECTS
3 labs. per wk., 1st term; 6 labs. per wk., 2nd term. *Staff*

37. SEMINAR
1 hour per wk., 2 terms. *Staff*

38. PHYSIOLOGY OF MICRO-ORGANISMS
1 lect., 3 labs., per wk., 1st term *Professor Wallace*

BOTANY

10. INTRODUCTORY BOTANY
A study of the flowering plant as a living organism with fundamentals of structure, physiology, and reproduction, and an introduction to the general morphology of plants involving consideration of representative types of the several groups of the plant kingdom.
1st Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professor Callen (Department of Plant Pathology)*

30. PLANT PHYSIOLOGY
2 lects., 2 labs., per wk., 2nd term.
Professor Olsen (Department of Plant Pathology)

31. HISTOLOGY AND CYTOLOGY
A detailed study of cells, cell division, tissues and their development, etc.
2 lects., 1 lab., per wk., 2nd term.
Professor Olsen (Department of Plant Pathology)

32. PLANT MORPHOLOGY
2 labs. per wk., 1st term.
Professor Callen (Department of Plant Pathology)

33. SYSTEMATIC BOTANY
2 labs. per wk., 1st term; 1 lab. per wk., 2nd term.
Professor Callen (Department of Plant Pathology)

34. HISTOLOGICAL TECHNIQUE

The preparation for the microscope of permanent stained mounts of at least twelve separate items. See Plant Pathology 30.

2 labs. per wk., 1st term.

Professor Olsen (Department of Plant Pathology)

DEPARTMENT OF CHEMISTRY

Professor	R. H. COMMON
Associate Professor	W. A. DELONG
Assistant Professor	B. E. BAKER
Lecturer	G. O. HENNEBERRY

10. INORGANIC CHEMISTRY

1st Yr.:—3 lects., 2 labs., per wk., 2 terms. *Mr. Henneberry*

Text Book:—Timm, General Chemistry, 2nd edition (McGraw-Hill).

20. ORGANIC CHEMISTRY

2nd Yr.:—3 lects., 2 labs., per wk., 2 terms. *Professor Baker*

Text Book:—Wertheim, Textbook of Organic Chemistry (Blakiston).

30. ANALYTICAL CHEMISTRY

2 lects. per wk., 2 terms. 1st term, Qualitative. 2nd term, Quantitative.

Text Book:—Curtman, Introduction to Semimicro Qualitative Chemical Analysis (Macmillan). *Professor DeLong*

300. LABORATORY PORTION OF COURSE 30

4 labs. per wk., 2 terms.

301. ABRIDGED LABORATORY PORTION OF COURSE 30

3 labs. per wk., 2 terms.

31. ORGANIC CHEMISTRY

Preparations.

1 lect., 2 labs., per wk., 1st term. *Professor Baker*

32. GENERAL BIOCHEMISTRY

Carbohydrates; lipids; amino-acids and proteins; properties, nature, and classification of enzymes.

2 lects. per wk., 1st term. *Professor Common*

Text Book:—Mitchell, A Textbook of Biochemistry, 2nd edition (McGraw-Hill).

320. LABORATORY PORTION OF COURSE 32

2 labs. per wk., 1st term.

39. PHYSICAL CHEMISTRY

1 lect., 2 labs., per wk., 2 terms. *Professor Baker*

Text Book:—Getman and Daniels, Outlines of Physical Chemistry (Wiley).

40. ASSIGNED PROJECTS

3 labs. per wk., 2 terms. *Staff*

41. SEMINAR

1 lect. per wk., 2 terms. *Staff*

47. PHYSIOLOGICAL CHEMISTRY

Prerequisites:—Chemistry 32 and Physics 33. Alimentary digestion and absorption of nutrients; composition and properties of blood; gaseous exchange and acid base equilibrium; metabolism of nutrients and tissue respiration; urinary and fecal excretion; hormones.

Laboratory work parallels the lecture course and includes blood and urine analysis.

2 lects. per wk., 2nd term. *Professor Common*

Text Book:—Mitchell, A Textbook of Biochemistry, 2nd edition (McGraw-Hill).

470. LABORATORY PORTION OF COURSE 47

2 labs. per wk., 2nd term.

48. PLANT BIOCHEMISTRY

Prerequisites:—Chemistry 32 and Physics 33. Chemistry of plant nutrition with particular reference to the inorganic elements and interrelations in the metabolism of inorganic and organic substances.

2 lects. per wk., 2nd term. *Professor DeLong*

480. LABORATORY PORTION OF COURSE 48

2 labs. per wk., 2nd term.

50. TEXTILE CHEMISTRY

See page 4597.

51. CHEMISTRY OF FOODS AND FEEDING STUFFS

Principles of analysis, including a more detailed treatment of sugars, starches, oils and fats; analytical chemistry of milk and milk products.

2 lects., 2 labs., per wk., 1st term. *Professor Common*

52. ADVANCED FOOD ANALYSIS

A specialized course including the determination of minor elements, amino acids, and vitamins; control analysis in food processing.

2 lects., 2 labs., per wk., 2nd term. *Professor Common*

54a. INTRODUCTORY SOIL SCIENCE PART I

Geology as related to soil formation; the characteristics, physical properties, and genesis of the major soil groups.

2 lects. per wk., 1st term. *Professor DeLong*

Text Book:—Lyon, Buckman and Brady, The Nature and Properties of Soils, 5th edition (Macmillan).

540a. LABORATORY PORTION OF COURSE 54a

2 labs. per wk., 1st term.

54b. INTRODUCTORY SOIL SCIENCE PART II

Soil classification; the fundamental relations of the composition and properties of soils to soil fertility.

2 lects. per wk., 2nd term. *Professor DeLong*

Text Book:—Lyon, Buckman and Brady, The Nature and Properties of Soils, 5th edition (Macmillan).

540b. LABORATORY PORTION OF COURSE 54b

2 labs. per wk., 2nd term.

DAIRYING

30. THE DAIRY INDUSTRY

Its importance in Canadian agriculture, the relative importance of the various products, and an analysis of the trade. The farm dairy and its equipment. The composition, quality, value, care, and sale of milk and cream. Quality and defects in butter, cheese, and other dairy products. Instruction in testing, separating, buttermaking, and cheesemaking.

2 lects., 2 labs., per wk., 1st term. *Mr. Turgeon (Department of Animal Husbandry)*

DEPARTMENT OF ECONOMICS

Professor	D. L. MACFARLANE
Associate Professor	W. E. HAVILAND
Emeritus Professor	J. E. LATTIMER

20. PRINCIPLES OF ECONOMICS

The anatomy of the Canadian economy, especially the agricultural, household, and governmental segments. The business firm and the

industry; price and output. Money; the Canadian banking system; national income and employment. The distribution of wealth and income. International trade.

2nd Yr.:—3 lects. per wk., 2nd term. *Professor MacFarlane*

30. MARKETING OF FARM PRODUCTS

A study of the marketing of the principal farm products and an analysis and appraisal of private, co-operative, and governmental marketing facilities, with reference to marketing and processing services and margins.

3 lects. per wk., 2nd term. *Dr. Haviland*

31. ECONOMICS OF AGRICULTURE

The Canadian farm industry; the regionalism of production; the distribution of the labor force and of financial returns in Canadian agriculture; farm efficiency. The relation between agriculture and other Canadian industries. The economic background of farm policy. The international trade position of Canadian agriculture.

3 lects. per wk., 2nd term. *Professor MacFarlane*

32. FARM ACCOUNTING AND FARM MANAGEMENT

A system of single entry farm accounts involving inventories, cash receipts, and expenses; a system of production records; the analysis of farm account and production records as a means of improving efficiency of production; farm income tax. The economics of farm production and farm management decisions. A farm visit followed by a detailed analysis of the business of this farm and of three other farms involving the preparation of farm plans and budgets covering present and proposed farm management schemes.

3 lects. per wk., 1st term. *Professor MacFarlane*

33. ECONOMIC ANALYSIS

An intermediate course in economic theory concerned with an analysis of the forces determining the level of prices, production, and employment. The first term work can be taken without the second.

3 lects. per wk., 2 terms. *Dr. Haviland*

34. PROJECT

The equivalent of 3 labs. per wk., 1 term. *Staff*

See note concerning graduate work on page 4591.

DEPARTMENT OF ENGLISH

Professor	C. WAYNE HALL
Associate Professor	H. R. C. AVISON
Sessional Lecturer	MARGARET H. DUBREUIL

14. ENGLISH COMPOSITION

Instruction and practice in the elements of good speech and good writing: 1 lecture period per week, conference hours and written themes to the equivalent of 1 lab. period per week 2 terms. A student failing in the year's work will be required to repeat this course until the necessary standard has been attained.

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Avison*

16. ENGLISH LITERATURE

A study of the forms of literature—mainly poetry, fiction, drama, from Anglo-Saxon times to about 1880—with special attention to those factors which condition literary taste and judgment. A schedule of topics and readings will be available before the course begins.

1st Yr.:—2 lects. per wk., 2 terms. *Professor Avison*

25. MODERN LITERATURE

An extension of Course 16, with topics and readings drawn from the work of British, Canadian, and American writers in the period from 1880 to the present. This course may be elected by third or fourth year students.

2nd Yr.:—2 lects. per wk., 2 terms. *Professor Hall*

26. SPEAKING AND WRITING

An extension of Course 14 for students who require or desire further practice in oral and written expression. Laboratory periods may be substituted for lectures. This course may be elected by third or fourth year students: it is required for Extension Methods 30, but should be taken, if possible, in the second year.

2nd Yr.:—2 lects. per wk., 1st term; 1 lect., 1 lab., per wk., 2nd term.
Professor Avison and Mrs. Dubreuil

All second year degree course students must take either English 25 or English 26. The prerequisite to these courses is successful completion of Senior Matriculation English Literature and Composition, or English 14 and 16 at Macdonald College.

31. THE LITERATURE OF RURAL LIFE

A study of Canadian and American regional literature. The schedule of topics and readings, covering the period from pioneer settlements to the present day, will emphasize the large place in our literature held by prose and poetry which is inspired by the land and the people who live on the land. Not given for fewer than 5 students.

1 lect. per wk., 1st term; 2 lects. per wk., 2nd term. *Professor Avison*

32. MODERN DRAMA

A reading course in modern English and American drama with special attention to trends and developments since 1900. Not given for fewer than 5 students.

2 lects. per wk., 1st term; 1 lect. per wk., 2nd term. *Professor Hall*

EXTENSION METHODS

30. EXTENSION METHODS

Study group technique; extension methods in agriculture and household science; rural sociology.

Laboratory work comprises participation in debates, conduct of public meetings and similar activities, and the operation of the Rural Problems Club, which meets weekly from November 1st to March 31st. Membership in the Club is open to all students in Agriculture, Household Science, and the School for Teachers. Students who elect this course will also be required to take English 26, unless this course was taken in the second year.

1 lect., 1 lab., per wk., 2 terms. *Professor Avison and Committee*

DEPARTMENT OF ENTOMOLOGY

Professor W. H. BRITTAIN

Associate Professors E. MELVILLE DUPORTE
F. O. MORRISON

Assistant Professor W. E. WHITEHEAD

30. INSECT MORPHOLOGY

2 lects., 2 labs., per wk., 2 terms. *Professor DuPorte*

32. ENTOMOLOGICAL TECHNIQUE

Prerequisite:—Zoology 32.

2 labs. per wk., 2nd term. *Professor Whitehead*

33. ECONOMIC ENTOMOLOGY

The principles and practice of Applied Entomology from a professional standpoint, including a survey of the Class *Hexapoda* with special reference to biological and economic aspects. A representative collection of economic insects including at least 50 adults, 20 larvae, and five complete life history sets will be required of all students taking this course.

2 lects., 2 labs., per wk., 2 terms. *Professor Morrison*

34. GENERAL AND ECONOMIC ENTOMOLOGY

A more elementary course similar to the foregoing, but suited to the general student. A collection of 25 adult insects, 10 larvae, and one complete life history set, representative of common economic insects, will be required of each student taking the course.

2 lects., 2 labs., per wk., 2nd term. *Professor Morrison*

35. SYSTEMATIC ENTOMOLOGY

The classification of the principal groups of insects. Each student will bring to the class at least 50 representatives of the main orders of insects which he has collected, mounted and labelled according to the instructions given in Course 32. He will choose a special group for more detailed study which may be included in the above collection. Prerequisite: Entomology 30.

2 lects., 2 labs., per wk., 2 terms. *Professor Whitehead*

36. INSECT ECOLOGY

The influence of the environment on the development, activities, distribution, and abundance of insects.

2 lects. per wk., 2nd term. Given in 1954-55. *Professor DuPorte*

37. SEMINAR

Presentation and discussion of reports on: (1) Assigned topics ; (2) Recent work in Entomology and Zoology; (3) Original investigation.

1 lab. per wk., 2 terms. *Professors Brittain and DuPorte*

38. PROJECTS

One or more problems entailing private investigation will be allotted to each student at the beginning of his third year. The work done should be equivalent to

2 labs. per wk., 2 terms. *Staff*

39. ECONOMIC ENTOMOLOGY

A laboratory course supplemental to Course 33, open only to students who are majoring in Entomology and have received the permission of the department.

1 lab. per wk., 2 terms. *Professor Brittain*

FRENCH

30. (a) *Pratique oral:* Readings, answers to questions, and prepared discussions on assigned subjects. Special emphasis on fluency, correct sentence building, accuracy in the use of an idiomatic vocabulary. *Text:* de Visme and Jordan, Spoken French.

(b) *Explication de textes:* Lectures given in French. A study, gauged to the achievement level of the students, of Ringuet, Trente Arpents. The primary object is to master the story and to appreciate the atmosphere of French Canada as portrayed in this novel, with subsequent detailed, analytic study of its literary merits.

(c) *La France contemporaine:* Lectures given in French on the geography of France, the rôle of Paris, the history of France in politics, science, art, literature, and music, correlated with present conditions.

3 lects. per wk., 2 terms. Elective.

Professor Hawkins (School for Teachers)

GENETICS

30. ELEMENTARY GENETICS

The modern conception of inheritance, applicable to both plants and animals, including reference to human inheritance.

3 lects. per wk., 1st term. *Professor Brawn (Department of Agronomy)*

300. LABORATORY PORTION OF COURSE 30

Practical illustrations from the fruit fly (*Drosophila melanogaster*), corn, and other material as available.

2 labs. per wk., 1st term.

HISTORY

30. European civilization in medieval and modern periods.

3 lects. per wk., 2 terms. Elective.

Professor Bayley (Faculty of Arts and Science)

DEPARTMENT OF HORTICULTURE

Associate Professor — H. R. Murray

Assistant Professors — Jean David, C. D. Taper

Lecturer — D. W. Pettit

31. VEGETABLE CROPS

The principles of vegetable growing including economic importance, geography, types and varieties, cultural requirements, harvesting, grading, marketing, and storage, as applied to the important crop plants.

2 lects. per wk., 2 terms. *Professor Murray*

310. LABORATORY PORTION OF COURSE 31

2 labs. per wk., 2 terms.

32. LANDSCAPE ARCHITECTURE

Description, characteristics, and identification of ornamental plants, nursery practices and care of plant material. A brief history of gardens and architecture. Landscape design, plans, sketches, drafting, and construction specifications, as applied to rural and urban homes, estates, parks and playgrounds, etc.

Prerequisite:—Agricultural Engineering 39A

2 lects., 2 labs., per wk., 1st term. *Mr. Pettit*

35. FLORICULTURE

An introductory course in which is discussed the history, development, propagation, and culture of flowers both out-of-doors and under glass. Floral arrangements and design are also considered. Trips to greenhouse establishments are made where possible.

2 lects., 2 labs., per wk., 2nd term. *Mr. Pettit*

36. PLANT BREEDING

A study of the principles of genetics as applied to the breeding and improvement of horticultural crop plants. The development of breeding methods for different types of plants will be given special consideration. Lectures will be supplemented by practice periods in the greenhouse. Prerequisite:—Genetics 30 and 300.

2 lects., 1 lab., per wk., 2nd term. *Professors Murray and Taper*

37. SEMINAR

Presentation and discussion of reports on assigned topics, recent work and developments in horticulture and reports on the original investigations of the students and staff.

1 period per wk., 2 terms. *Professor Murray and Staff*

38. POMOLOGY (ORCHARD FRUITS)

The fundamentals of orchard fruit propagation, production and marketing, with visits to orchards, markets, and cold storage establishments when possible.

2 lects. per wk., 1st term. *Professor Taper*

380. LABORATORY PORTION OF COURSE 38

2 labs. per wk., 1st term.

39. POMOLOGY (SMALL FRUITS)

The fundamentals of small fruit propagation, production, and marketing, with visits to producing areas and marketing establishments when possible.

2 lects. per wk., 2nd term. *Professor Taper*

390. LABORATORY PORTION OF COURSE 39

2 labs. per wk., 2nd term.

42. FRUIT AND VEGETABLE PRESERVATION

The principles of fruit and vegetable preservation with particular attention to cold storage, canning, dehydration, and freezing.

2 lects., 1 lab., per wk., 1st term *Professor David*

43. HORTICULTURAL CROPS

Tree and bush fruits; fruit and vegetable processing.

2 lects., 1 lab. per wk., 1st term. *Professor Murray and staff*

44. HORTICULTURAL CROPS

Potatoes as a cash crop; canning and other special crops. The farm garden; landscaping the farm home.

2 lects., 1 lab. per wk., 2nd term. *Professor Murray and staff*

MATHEMATICS

10. ELEMENTARY MATHEMATICAL ANALYSIS

An introduction to functions and their graphical representation; solution of equations; logarithms; trigonometry; binomial theorem; compound interest; permutations, combinations, and probability.

1st Yr.:—3 lects. per wk., 2 terms. *Professor Henry (School for Teachers)*

20. CALCULUS

Analytical geometry; differential and integral calculus.

2nd Yr.:—3 lects. per wk., 2 terms.

Professor Rowles (Department of Physics)

30. ELEMENTARY DIFFERENTIAL EQUATIONS

An introduction to differential equations with selected applications in physical, chemical, and biological science.

1 lect. per wk., 2 terms. *Professor Oliver (Department of Physics)*

31. ELEMENTARY STATISTICS

An introduction to statistics including graphs, histograms, means, standard deviation, variance, normal frequency curve, probability, fitting curves to experimental data, correlation, standard error, tests of significance, etc.

1 lect., 1 lab. per wk., 1st term; 1 lab. per wk., 2nd term.

Mr. Kinnear (Department of Physics)

DEPARTMENT OF NUTRITION

Professor E. W. CRAMPTON

Assistant Professors F. A. FARMER
L. E. LLOYD

30. FUNDAMENTALS OF NUTRITION

The nutritionally important components of foods and their physiological functions. Measurement of the nutritive values of foods. Determination of the nutritive requirements of the body for maintenance; and for growth, reproduction, and lactation.

2 lects. per wk., 2 terms. *Professors Crampton and Farmer*

300. NUTRITION LABORATORY

Methods of nutrition experimentation including actual carrying out of comparative feeding trials, digestion experiments, nitrogen balances; determination of physiological fuel values; vitamin bioassays; basal metabolism studies. Elementary statistical analysis and interpretation of the data from these experiments and the preparation of technical reports for submission. Laboratory periods are arranged in accordance with the nature of the tests, and include scheduled periods for individual student instruction.

Equivalent of 1 lab. per wk., 2 terms

Professors Crampton, Farmer, and Lloyd

32. ANIMAL FEEDSTUFFS

The classification of feeds and a study of their nutritionally significant characteristics.

2 lects. per wk., 2nd term. *Professor Crampton*

33. PROJECT.

Equivalent of 3 labs. per wk., 1 term. *Staff*

PARASITOLOGY

34. SEMINAR

1 lab. per wk., 2 terms. *Professors DuPorte and Cameron*

Students will attend the combined Entomology-Parasitology Seminar.

35. PROJECTS

A problem may be selected in Protozoology, Medical Entomology, or Helminthology. The object of the problem is to enable the student:—(1) To do more intensive work in some selected field; (2) To obtain an introduction to the methods of scientific research.

3 labs. per wk., 2nd term. *Professors Cameron and DuPorte*

36. PROTOZOOLOGY

A morphological, biological, and systematic study of protozoa with special reference to the parasites of domestic animals. Protozoological technique.

2 lects., 2 labs., per wk., 1st term. Given in 1954-55. *Professor DuPorte (Department of Entomology)*

37. MEDICAL ENTOMOLOGY

A systematic and biological study of insects concerned in the causation of disease in man and domestic animals. Prerequisite:—Entomology 30.

2 lects., 2 labs., per wk., 2nd term. Given in 1954-55. *Professor DuPorte (Department of Entomology)*

38. HELMINTHOLOGY

A morphological, biological, and systematic study of the helminths with special reference to the parasites of domestic animals. Helminthological technique.

2 lects., 4 labs., per wk., 2nd term. Given in 1953-54. *Professor Cameron (Institute of Parasitology).*

DEPARTMENT OF PHYSICS

Professor	WILLIAM ROWLES
Associate Professor	W. F. OLIVER
Lecturer	J. K. KINNEAR

12. GENERAL PHYSICS

An elementary course dealing with the subject chiefly from the experimental side, with selected problems based on the fundamental principles. The course is designed to familiarize the students with the more important laws of physics and to furnish the necessary basis for later work.

1st Yr.:—3 lects., 1 lab., per wk., 2 terms. *Professor Rowles*

22. GENERAL PHYSICS

A continuation course which covers the same ground as Physics 12, but with more intensive treatment. Certain topics will receive special emphasis and additional phases of the subject will be considered.

2nd Yr.:—3 lects., 1 lab., per wk., 2 terms. *Professor Oliver*

32. METEOROLOGY

A study of the factors which condition climate and weather, etc.

1 lect. per wk., 2nd term. *Professor Rowles*

33. BIOPHYSICS

(Prerequisite to Chemistry 47 and 48). A study of the gas laws, osmosis, surface phenomena, electrolytic dissociation, pH, colloidal state, X-rays in biology, etc.

2 lects., 2 labs., per wk., 1st term. *Professor Rowles and Mr. Kinnear*

33a. BIOPHYSICS

An abridged course covering selected parts of Physics 33.

1 lect., 1 lab., per wk., 1st term. *Professor Rowles*

36. SOIL PHYSICS

Soil texture as determined by mechanical analysis, soil moisture and its movement, soil constants and their measurement, physical properties of colloids and their effects on soil behaviour, soil structure.

1 lect., 1 lab., per wk., 1st term. *Professor Rowles*

38. MOLECULAR AND ATOMIC PHYSICS

A discussion of kinetic theory including Maxwell's distribution law, the laws of thermodynamics, atomic structure, charge on the electron, isotopes, circular orbit theory for hydrogen, vacuum tubes, X-rays and crystal structure, radioactivity, etc. A portion of the time is devoted to laboratory work.

2 lects. per wk., 2 terms. *Professor Oliver*

DEPARTMENT OF PLANT PATHOLOGY

Professor JOHN G. COULSON

Assistant Professors E. O. CALLEN
O. A. OLSEN

30. TECHNIQUE

The preparation and standardization of media. Inoculation methods, etc. Photomicrography and the optical equipment necessary.

Students taking the Plant Pathology Option will be required to take that part of course Zoology 32 dealing with illustrations. Graduate students may take this work without credit.

2 labs. per wk., 2nd term. *Professor Olsen*

31. DISEASES OF PLANTS

A study of the common diseases and their control. Use of spray calendars. Preparation of fungicides, etc.

2 lects., 2 labs., per wk., 1st term. *Professor Coulson*

32. PLANT PATHOLOGY

Detailed studies of plant diseases; distribution, economic importance, symptoms, cause, and control.

Myxomycetous, phycomycetous, ascomycetous, and non-parasitic diseases.

2 lects., 2 labs., per wk., 2nd term. *Professor Coulson*

33. MYCOLOGY

A study of fungi as concerning taxonomy, morphology, sexuality, etc.

2 lects., 2 labs., per wk., 1st term. *Professor Callen*

34. PROJECTS

One or more problems entailing private investigation will be allotted each student.

Minimum of 2 labs. per wk., 2 terms. *Staff*

35. SEMINAR

A course entailing reading, discussion, appreciation, and criticism of research articles, monographs, etc., in the field of General Botany, Physiology, Cytology, Histology, Morphology, Ecology, Taxonomy, Genetics, Mycology, Pathology. Attention will be more especially directed to such articles as have application in Plant Pathology or Mycology.

1 period per wk., 2 terms. *Staff*

36. PLANT PATHOLOGY

Detailed studies of plant diseases; distribution, economic importance, symptoms, cause, and control.

Basidiomycetous, fungi imperfecti, bacterial, and virus diseases.

2 lects., 2 labs., per wk., 2 terms. *Professor Coulson*

DEPARTMENT OF POULTRY HUSBANDRY

Professor W. A. MAW
Associate Professor N. NIKOLAICZUK

31. HISTORY OF BREEDS AND JUDGING

The origin, domestication and development of the various breeds of chickens, turkeys, ducks, and geese. Advanced practice in judging on the basis of type and colour standards.

2 labs. per wk., 1st term. Given in 1953-54. *Professor Maw*

33. GENERAL POULTRY HUSBANDRY

The general principles and practice of poultry production and marketing. 3 lects. per wk., 1st term. *Professor Nikolaiczuk*

330. LABORATORY PORTION OF COURSE 33

Exercises in poultry selection and demonstrations of other applied aspects of poultry production.

1 lab. per wk., 1st term. *Professor Nikolaiczuk*

34. BREEDING PRINCIPLES

The fundamental principles underlying poultry breeding. Prerequisites:—Genetics 30; Poultry Husbandry 31 and 33.

2 lects., 1 lab., per wk., 2nd term. Given in 1953-54. *Professor Maw*

35. POULTRY FARM MANAGEMENT

Poultry farming as a business; size of business, economic aspects of capital and labour involved; farm layout and buildings; arrangement; equipment, inventories, cost accounts and other records. Prerequisite:—Poultry Husbandry 33.

1 lect., 1 lab., per wk., 2 terms. *Professor Maw*

36. RESEARCH

A study of method in conducting experiments and analysis of data. Prerequisite:—Poultry Husbandry 33.

2 labs. per wk., 2 terms. *Professor Nikolaiczuk*

37. ASSIGNED PROJECTS

3rd Yr.:—2 labs. per wk., 2nd term; 4th Yr.:—3 labs. per wk., 2 terms. *Professors Maw and Nikolaiczuk*

38. POULTRY NUTRITION

A study of the composition of feeds, balanced rations, and feeding practice as applied to the production of poultry. Prerequisite:—Poultry Husbandry 33.

2 lects., 1 lab., per wk., 2nd term. Given in 1953-54. *Professor Nikolaiczuk*

SOCIOLOGY

40. INTRODUCTION TO SOCIOLOGY (The Community)

An examination of the social patterns of our society, with emphasis on group relationships.

3 lects. per wk., 1 term.

ZOOLOGY

20. GENERAL ZOOLOGY

An introduction to animal structure, physiology, and classification. Representatives of the chief phyla are studied and used to introduce some of the general principles of Zoology.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professors DuPorte, Morrison, and Whitehead (Department of Entomology)*

31. COMPARATIVE VERTEBRATE ANATOMY

2 lects., 2 labs., per wk., 2 terms. Given in 1953-54.
Professors DuPorte and Whitehead (Department of Entomology)

32. HISTOLOGICAL TECHNIQUE

The preparation of histological slides and the technique of making scientific drawings.

Students taking the Entomology Option will be required to take that part of the course Plant Pathology 30 which deals with photography and the use of the microscope. Graduate students may take this work without credit.

2 labs. per wk., 1st term. *Professor Whitehead (Department of Entomology)*

EXAMINATIONS

B.Sc. (AGR.) AND B.Sc. (H.Ec.) COURSES.

All students are required to give satisfactory evidence of mastery of the material of lecture and laboratory. First and second year examinations are held at the end of the first term in all courses. In all years examinations are held at the conclusion of each course, at which time the examiner will pass in to the Registrar a mark giving the final standing of each student in all the work of the course.

First year students who obtain an average of less than 40 per cent in the first term examinations are not permitted to continue with the work of the second term.

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. See page 4520.

Upon payment of a fee of $10, a student may apply to the office of the Dean to have an examination paper re-read. The request must be made within one month of publication of the examination results.

Students who are allowed to repeat a year do so on probation. Students whose work or conduct during the year proves unsatisfactory may also be placed on probation involving loss of certain privileges. The type of probation will vary with individual cases.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 per cent.

In the first and second years, 80 per cent and over is first class standing; 65 to 79 per cent, second class; 50 to 64 per cent, third class or pass.

ADVANCEMENT FROM YEAR TO YEAR

In the first and second years, any student whose final mark is less than 50%, or who fails in courses of the year's work to an aggregate value of more than 450 marks will be required to repeat the year. Any student who fails in courses of the year's work to an aggregate value of 450 marks or less and whose average is at least 50%, may write supplemental examinations in all failed courses the following September. However, a student who fails in English 14 (Composition) will be required to repeat the course until the necessary standard has been attained.

No student may enter the second year carrying a condition in more than one subject of first year work, and no student may enter the third year carrying a condition in more than one subject of second year work.

No student may enter the third year with any subject outstanding from his first year, and no student may enter the fourth year with any subject outstanding from his second year.

Any student who, after the final spring examinations of the third year, has failed to obtain an average of at least 50 per cent based on all the courses of his third year, will be required to repeat the year. No student will be admitted to the fourth year of the B.Sc. (Agr.) course who has not passed in third year work equivalent to at least five full courses (30 units), or to the fourth year of the B.Sc. (H.Ec.) courses who has not passed in third year courses having an aggregate value of at least 750 marks.

A student who is allowed to repeat a year may be exempted from attending lectures and passing examinations in one or more subjects in which he has already passed and obtained at least 60 per cent, and may be required to take one or more subjects of the following year in his course. The choice of subjects must involve no conflict of hours in the timetable.

If a student fails in a course which he has taken with a more advanced class he must repeat the course when he enters the year in which that subject is regularly taught.

PASS AND HONOUR STANDING

HONOUR STANDING:—Students who have obtained an average of at least 60 per cent in the work of the first two years, and who obtain an

average of 80 per cent or over, based on all the courses of their third and fourth years, are granted First Class Honours; those who obtain an average of from 65 to 79 per cent, based on all the courses of their third and fourth years, are granted Second Class Honours. Students who have obtained an average of less than 60 per cent in the work of the first two years are not eligible for Honours.

PASS STANDING:—Students who obtain an average of not less than 50 per cent, based on all the courses of their third and fourth years, are granted Pass Standing.

SUPPLEMENTAL EXAMINATIONS

Regular supplemental examinations are held in September before the beginning of the session, and at the time of the regular examinations in January and March. Failure to pass a supplemental examination means that the course must be repeated, or such portion of it as the instructor may direct. In the case of fourth year students only, special examinations may be provided earlier in September, so that the results may be known in time to recommend successful candidates for the fall Convocation.

Except in very exceptional cases, each of which must be submitted to the Faculty for approval, only one supplemental examination will be allowed in any course; but a student who has been prevented by illness or some other unavoidable circumstance from writing a supplemental examination at the regular time will be allowed to write a special supplemental examination at a later date. In no other cases than those mentioned will special supplemental examinations be granted.

Every candidate for a supplemental examination is required to fill out an application form for such examination and to return it with the necessary fee ($2.00 per paper) at least three weeks before the date set for the examinations. Application forms may be obtained from the Registrar.

No student writing a supplemental examination in a subject will be granted marks higher than the pass mark, 50 per cent.

GRADUATE COURSES

Graduate work, under the Faculty of Graduate Studies and Research, McGill University, Montreal, may be taken at Macdonald College, in Agronomy, Bacteriology, Chemistry, Entomology, Horticulture, Nutrition (Animal, Human), Parasitology, Poultry Husbandry (Nutrition or Breeding and Genetics), and Plant Pathology. The advanced courses of study offered lead to the degrees of Master of Science and Doctor of Philosophy.

Graduates who have completed three full courses or their equivalent in the Department of Economics at Macdonald College and who, in addition, have completed at least two full courses in the Department of Economics and Political Science or their equivalent with at least second class honours, may register in the Faculty of Graduate Studies and Research to proceed toward the degree of Master of Arts.

A number of scholarships and student assistantships are available.

The Faculty of Graduate Studies and Research issues an announcement giving full information regarding graduate courses, and scholarships, theses, registration, etc., in connection therewith, which will be sent on application to the Registrar, to the Dean of the Faculty of Graduate Studies and Research, McGill University, Montreal, or to the Dean of the Faculty of Agriculture, Macdonald College, Que.

AGRICULTURE SPECIALIST TEACHING CERTIFICATE

Holders of the B.Sc. (Agr.) degree may enroll for a year of post-graduate study under the direction of the School for Teachers and the Faculty of Agriculture, to qualify for the Agriculture Specialist Certificate granted by the Department of Education of the Province of Quebec. This certificate is valid in the Province of Quebec and other provinces of Canada which may be prepared to accept it.

There are openings for qualified teachers of Agriculture in the high schools of Quebec and other provinces. In some appointments the teacher is required to teach Agriculture only; in many others he is expected to teach other subjects also, which may include general or specialized science, shop work and farm mechanics, or other subjects. Consequently, candidates for the Specialist Certificate receive training in general as well as special subject areas.

In addition to the academic and professional courses offered, an excellent programme of supervised practice teaching gives candidates the opportunity of becoming familiar with the work of the schools. Candidates should have an interest in Agriculture, an appreciation of rural life, some practical experience in farming, and a genuine interest in working with high school children.

The charge for tuition is $150, and other charges for room and board and for student activities are the same as for students in the School for Teachers. Applications for admission should be sent to the Registrar, Macdonald College, P.Q.

CURRICULUM

ENTRANCE REQUIREMENT:——B.Sc. (Agr.) degree.

Courses taken in the School for Teachers: (For description see page 4619).

Education 3	Educational Psychology
Education 4	Principles of Education
Education 10	General Methods and Practice
Education 13	School Organization and Management
Education 20	Practice Teaching (six weeks)

Courses taken in the Faculty of Agriculture: Any two of the following (it is assumed that any prerequisite courses have been taken):

Agricultural Engineering 33	Farm Machinery
Agricultural Engineering 34	Farm Power Machinery
Agricultural Engineering 38	Shop Work
Agronomy 31	Cereal Crops
Agronomy 38	Soil Management
Animal Husbandry 34	Dairy Cattle Production
Animal Husbandry 35	Livestock Judging and Management
Animal Husbandry 38	Animal Breeding
Horticulture 38	Orchard Fruits
Nutrition 30	Fundamentals of Nutrition
Poultry 31	History of Breeds and Judging
Poultry 33	General Poultry Husbandry

Other approved courses may also be taken.

COURSES IN HOUSEHOLD SCIENCE—

B.Sc. (H.Ec.) COURSE

This is a four year professional course leading to the degree of Bachelor of Science in Home Economics. The training enables the graduate to undertake positions in many of the different branches of Home Economics, including dietetics and the teaching of Home Economics in schools.

Students who wish to qualify for a teaching certificate in Home Economics must decide before entering the fourth year, since this specialist training is given during the last year. Properly qualified students may be granted a Specialist Certificate for teaching Household Science subjects, on graduation. This certificate is granted by the Protestant Central Board of Examiners of the Province of Quebec and only those students who may legally teach in the Protestant Schools of this Province should attempt to qualify for this certificate. Those desiring to apply for the certificate will be required to teach a minimum of twelve lessons and undertake prescribed fieldwork. It may be necessary to limit the number of students in the teaching option.

The practice of dietetics is the assuming of responsibility for the production of food in hospitals, institutions, and commercial restaurants, and opportunities to observe and practise kitchen administration are provided in the dining room of the staff residence at "Glenaladale" and in the main kitchen and cafeteria. Further training is offered by hospitals and commercial institutions after graduation.

The course also includes training in home management in a model house (The Walter M. Stewart House), which is located on the campus. Here students live together, under supervision, and are responsible for all the household routines.

The four year course in Home Economics prepares students for professional careers as dietitians, home economics teachers, nutritionists, extension workers with government services, home economists in home service bureaus, and many other positions. In addition, it provides a general university education, and is of incomparable value as a background for homemaking.

ENTRANCE REQUIREMENTS

1. The general requirements, page 4528.
2. Academic requirements, page 4540, under "Entrance B.Sc. (Agr.) Course", with modifications indicated.
3. Applicants who have senior matriculation standing in the required subjects may be admitted to the second year of the B.Sc. (H.Ec.) course.

SYLLABUS

B.Sc. (H.Ec.) Course

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
FIRST YEAR					
Art:—					
Art Appreciation	10	1	1	..	..
*Botany:—					
Introductory Botany	10	2	2	2	2
Chemistry:—					
Inorganic Chemistry	10	3	2	3	2
English:—					
Composition	14	1	1	1	1
Literature	16	2	..	2	..
Household Science:—					
Introduction to Household Science	10	2	..	..	..
Mathematics:—					
Elementary Mathematical Analysis	10	3	..	3	..
Physics:—					
General Physics	12	3	1	3	1
Physical Education	10	Minimum 2 hours weekly			
Textiles:—					
Laundering	10	..	..	2	1
SECOND YEAR					
Art:—					
Interior Decoration	20	..	..	1	1
Chemistry:					
Organic Chemistry	20	3	2	3	2
Clothing:—					
Clothing Selection	20	2	..	..	..
**English:—					
Modern Literature	25	2	..	2	..
or					
Speaking and Writing	26	2	..	1	1
Foods and Cookery:—					
Basic Cookery	26	2	3	2	3
Household Administration	20	1	..	1	1
Nutrition:—					
Elementary Nutrition	20	2	..	..	..
Textiles:—					
Textile Fibres and Fabrics	20	2	..	2	..
Zoology:—					
General Zoology	20	2	2	2	2

*First year or Senior Matriculation Biology, or a foreign language, will be accepted in lieu of Botany 10.

**Second year students must take either English 25 or English 26.

See also elective courses in French and History, page 4580.

SYLLABUS

B.Sc. (H.Ec.) Course

SUBJECTS	Course Numbers	Unit Value	Periods per week		Term Given
			Lects.	Labs.	
THIRD YEAR					
Bacteriology:—					
General and Food Bacteriology	31	4	2	2	First
Chemistry:—					
General Biochemistry	32 and 320	4	2	2	First
Physiological Chemistry	47 and 470	4	2	2	Second
Clothing:—					
Principles of Construction	30	3	..	1	First
Economics:—				2	Second
Elementary Principles	20	3	3	..	Second
Education:—					
Educational Psychology	30	3	3	..	Second
Foods and Cookery:—					
Advanced Cookery	32	5	1	1½	Both
Food Values	33	2	1	1	First
Food Selection	35	2	1	..	Both
Household Administration:—					
Home Management	31	4	1	3	Either
Physics:—					
Biophysics	33a	2	1	1	First
Physiology:—					
Elementary Physiology	30	3	3	..	Second
Elective:—(to be chosen from any non-compulsory course)	..	3	..	..	Either
FOURTH YEAR					
Teaching Option					
Chemistry:—					
Textile Chemistry	50	2	1	1	Second
Clothing:—					
Advanced Clothing	40	6	..	3	Both
Education:—					
General Educational Practice	10	3	2	..	First
	..	..	1	..	Second
Methods of Instruction	40	4	4	..	First
Public Education	42	3	..	3	Either
Observation and Practice Teaching	43a	4	2	2	Second
Problems in Home Economics Education	43b	2	2	..	Second
Institution Administration:—					
Institution Practice	41	3	..	3	Either
Nutrition and Dietetics:—					
Fundamentals of Nutrition	30	4	2	..	Both
Nutrition Laboratory	300	2	..	1	Both
Nutrition Seminar	44	2	2	..	First
Dietetics Option					
Education:—					
Public Education	42	3	..	3	Either
Foods and Cookery:—					
Experimental Cookery	34	2	1	1	Second
Institution Administration:—					
Institution Practice	41	3	..	3	Either
Food Production	42	2	2	..	First
Institutional Cost Accounting	43	2	2	..	Second
Personnel Management	44	2	2	..	First
Kitchen Organization	45	2	2	..	Second
Nutrition and Dietetics:—					
Fundamentals of Nutrition	30	4	2	..	Both
Nutrition Laboratory	300	2	..	1	Both
Diet Therapy	41	6	2	..	First
		..	3	1	Second
Nutrition Seminar	44	2	2	..	First

DESCRIPTION OF COURSES

ART

10. ART APPRECIATION

A study of the main periods in Art and the influence of Art in modern society.

1st Year:—1 lect., 1 lab., per wk., 1st term *Miss Jaques*

20. INTERIOR DECORATION

A study of domestic architecture, period furniture, colour theory, harmony, and planning of interiors, with special emphasis on institutions and food service areas. History of painting, with special attention to the moderns.

2nd Year.:—1 lect., 1 lab., per wk., 2nd term. *Miss Jaques*

BACTERIOLOGY

31. BACTERIOLOGY

A course in general and food bacteriology.

3rd Yr.:—2 lects., 2 labs., per wk., 1st term. *Professor Gray*

Text Book:—Swingle, Bacteriology.

BOTANY—*Taken with B.Sc. (Agr.)*

10. INTRODUCTORY BOTANY

1st Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professor Callen*

CHEMISTRY—*Taken with B.Sc. (Agr.)*

10. INORGANIC CHEMISTRY

1st Yr.:—3 lects., 2 labs., per wk., 2 terms *Mr. Henneberry*

20. ORGANIC CHEMISTRY

2nd Yr.:—3 lects., 2 labs., per wk., 2 terms. *Professor Baker*

32. GENERAL BIOCHEMISTRY

3rd Yr.:—2 lects. per wk., 1st term. *Professor Common*

320. Laboratory portion of Course 32.

3rd Yr.:—2 labs. per wk., 1st term.

47. PHYSIOLOGICAL CHEMISTRY

Prerequisites: Chemistry 32 and Physics 33.

3rd Yr.:—2 lects. per wk., 2nd term. *Professor Common*

470. Laboratory portion of Course 47.

3rd Yr.:—2 labs. per wk., 2nd term.

50. TEXTILE CHEMISTRY

A study of the physical and chemical structure of textile fibres to explain their behaviour under wear conditions.

Prerequisite: Textiles 20.

4th Yr.:—1 lect., 1 lab. per wk., 2nd term. *Miss Jenkins*

51. CHEMISTRY OF FOODS AND FEEDINGSTUFFS

2 lects., 2 labs., per wk., 1st term. *Elective.* *Professor Common*

CLOTHING

20. CLOTHING SELECTION

History of costume; principles of design as applied to dress; fabrics used for clothing; wardrobe planning with student demonstrations.

2nd Yr.:—2 lects. per wk., 1st term. *Miss Jenkins*

30. PRINCIPLES OF CLOTHING CONSTRUCTION

Three garments are made, one each of cotton, wool, and rayon.

3rd Yr.:—1 lab. per wk., 1st term. 2 labs. per wk., 2nd term.

Miss Jenkins

40. ADVANCED CLOTHING

An advanced course in dressmaking and costume design including pattern making and tailoring. Experience in weaving is arranged in May of each year for third year students who plan to enroll in the Teaching Option in the fourth year. These students remain for two weeks after the final examinations. A fee of $8.00 is charged to cover the cost of materials.

4th Yr.:—3 labs. per wk., 2 terms. *Miss Jenkins*

ECONOMICS—*Taken with B.Sc. (Agr.)*

20. ELEMENTARY PRINCIPLES

3rd Yr.:—3 lects. per wk., 2nd term. *Professor MacFarlane*

30. MARKETING OF FARM PRODUCTS

A study of the marketing of the principal farm products and an analysis and appraisal of private, co-operative, and governmental marketing facilities, with reference to the width of marketing and processing margins. *Elective.*

3 lects. per wk., 2nd term. *Dr. Haviland*

33. PRINCIPLES OF ECONOMIC THEORY

An intermediate course in economic theory concerned with an analysis of the forces determining the level of prices, production, and employment. The first term work can be taken without the second. *Elective.*

3 lects. per wk., 2 terms. *Dr. Haviland*

EDUCATION

10. GENERAL EDUCATIONAL PRACTICE

Taken in conjunction with the School for Teachers (see page 4624) by students in the Teaching Option. Registration is at least two weeks before the normal date.

4th Yr.:—Equivalent of 2 lects. per wk., 1st term, 1 lect. per wk., 2nd term. *School for Teachers Staff*

30. PSYCHOLOGY

General and practical aspects applied to teaching, learning, and living.

3rd Yr.:—3 lects. per wk., 2nd term. *Professor Honey*

40. METHODS OF INSTRUCTION

Applications of principles studied in Education 30. Examination of curricula in Home Economics with particular attention to the Quebec course of study. Selection and organization of subject matter for various types of lessons; class management; observation and teaching of discussion and laboratory classes.

4th Yr.:—4 lects. per wk., 1st term. *Professor Honey*

42. PUBLIC EDUCATION

This course furnishes experience in the preparation of material for the public in the form of food, clothing, or equipment demonstrations. Job Instruction Training is included. Students who take Education 40, and Education 43 (a) and (b) will be required to take the equivalent of only 2 laboratory periods per week.

4th Yr.:—Equivalent of 3 labs. per wk., either term. *Professor Honey*

43a. OBERSERVATION AND PRACTICE TEACHING

Observation and practice teaching in Macdonald High School and in the schools of the Protestant School Board of Greater Montreal. Experience will also be arranged in rural schools when possible.

4th Yr.:—Equivalent of 2 lects., 2 labs. per wk., 2nd term. *Professor Honey*

43b. PROBLEMS IN HOME ECONOMICS EDUCATION

This course runs concurrently with Education 43a. Problems arising from field experience serve as the basis for some of the discussion. Examination of types of laboratories and equipment used in teaching Home Economics; study of various methods of keeping records, of evaluating practical and written work; the use of books, magazines, films, filmstrips, and other source material; organization and preparation of teaching materials for classes in Home Economics.

4th Yr.:—2 lects. per wk., 2nd term. *Professor Honey*

ENGLISH—*Taken with B.Sc. (Agr.)*

14. ENGLISH COMPOSITION

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Avison*

16. ENGLISH LITERATURE

1st Yr.:—2 lects. per wk., 2 terms. *Professor Avison*

25. MODERN LITERATURE

An extension of Course 16, with topics and readings drawn from the work of British, Canadian, and American writers in the period from 1880 to the present. This course may be elected by third or fourth year students.

2nd Yr.:—2 lects. per wk., 2 terms. *Professor Hall*

26. SPEAKING AND WRITING

An extension of Course 14 for students who require or desire further practice in oral and written expression. Laboratory periods may be substituted for lectures. This course may be elected by third or fourth year students.

2nd Yr.:—2 lects. per wk., 1st term; 1 lect., 1 lab., per wk., 2nd term. *Professor Avison and Mrs. Dubreuil*

All second year degree course students must take either English 25 or English 26. The prerequisite to these courses is successful completion of senior matriculation English Literature and Composition, or English 14 and 16 at Macdonald College.

30. THE LITERATURE OF UTOPIA

A reading and discussion course on problems of human and social betterment as reflected in our literature. A schedule of topics and readings will be provided at the opening of the course, which is conducted by lecture and seminar. *Elective.*

3rd or 4th Yr.:—1 lect. per wk., 1st term; 2 lects. per wk., 2nd term. *Professor Hall*

31. THE LITERATURE OF RURAL LIFE

A study of Canadian and American regional literature. The schedule of topics and readings, covering the period from pioneer settlements to the present day, emphasizes the large place in our literature held by prose and poetry which is inspired by the land and the people who live on the land. *Elective.*

3rd or 4th Yr.:—1 lect. per wk., 1st term; 2 lects. per wk., 2nd term. *Professor Avison*

32. MODERN DRAMA

A reading course in modern English and American drama with special attention to trends and developments since 1900. Not given for fewer than 5 students. *Elective.*

2 lects. per wk., 1st term; 1 lect. per wk., 2nd term. *Professor Hall*

EXTENSION METHODS

30. EXTENSION METHODS

A course in public speaking, study group technique, extension methods in Agriculture and Household Science, rural sociology. *Elective.*

3rd or 4th Yr.:—1 lect., 1 lab., per wk., 2 terms.

Professor Avison and Committee

FOODS AND COOKERY

26. BASIC COOKERY

Study and practice in methods of food preservation. The selection and preparation of foods and the principles of cookery.

2nd Yr.:—2 lects., 3 labs., per wk., 2 terms, and five days of laboratory work in food preservation prior to the opening of the session.

32. ADVANCED COOKERY

An advanced course in food preparation.

3rd Yr.:—1 lect., 1½ labs., per wk., 2 terms. *Miss Stickwood*

33. FOOD VALUES

Calculation of the nutritive value of foods and meals, with practical application.

3rd Yr.:—1 lect., 1 lab., per wk., 1 term. *Miss Stickwood*

34. EXPERIMENTAL COOKERY

4th Yr.:—1 lect., 1 lab. per wk., 2nd term. *Professor Devereaux*

35. FOOD SELECTION

A study of foods, including the selection and use of rare fruits and vegetables and food adjuncts.

3rd Yr.:—1 lect. per wk., 2 terms. *Miss Stickwood*

FRENCH

(a) *Pratique oral:* Readings, answers to questions, and prepared discussions on assigned subjects. Special emphasis on fluency, correct sentence building, accuracy in the use of an idiomatic vocabulary. *Text:* de Visme and Jordan: Spoken French.

(b) *Explication de textes:* Lectures given in French. A study, gauged to the achievement level of the students, of Ringuet: Trente Arpents. The primary object is to master the story and to appreciate the atmosphere of French Canada as portrayed in this novel, with subsequent detailed, analytic study of its literary merits.

(c) *La France contemporaine:* Lectures given in French on the geography of France, the rôle of Paris, the history of France in politics, science, art, literature and music, correlated with present conditions. 3 lects. per wk., 2 terms. *Elective.*

Professor Hawkins (School for Teachers)

HISTORY

30. European civilization in medieval and modern periods.
3 lects., per wk., 2 terms. *Elective.*
Professor Bayley (Faculty of Arts and Science)

HOUSEHOLD ADMINISTRATION

20. HOUSEHOLD ADMINISTRATION
A study of house planning, with detailed attention to kitchen from the standpoint of function, convenience, and safety; selection, use, and care of household equipment and furnishings, including practical work in cleaning; menu planning, table service and decorations.
2nd Yr.:—1 lect. per wk., 1st term; 1 lect., 1 lab., per wk., 2nd term.
Professor Devereaux

31. HOME MANAGEMENT
A study of the process of home management; planning, carrying out the plan, and evaluating with practical application in a well-equipped house on the campus where groups of five students, under supervision, have charge of managing the home, including menu planning, preparation and service, marketing, accounting, and care of supplies, equipment, and furnishings.
3rd Yr.:—3 weeks in Home Management House. 1 lect., and the equivalent of 3 labs., per wk., 1 term. *Professor Devereaux*

HOUSEHOLD SCIENCE

10. INTRODUCTION TO HOUSEHOLD SCIENCE
A course of lectures arranged to acquaint the student with the development and scope of Household Science training.
1st Yr.:—2 lects. per wk., 1st term. *Household Science Staff and others*

INSTITUTION ADMINISTRATION

41. INSTITUTION PRACTICE
Practical experience in quantity cookery and institution routines in dining departments.
4th Yr.:—3 labs. per wk., 1 term. *Professor Neilson and Staff*

42. FOOD PRODUCTION
Quantity food buying, principles of quantity cookery, and menu planning.
4th Yr.:—2 lects. per wk., 1st term.

43. INSTITUTIONAL COST ACCOUNTING

4th Yr.:—2 lects. per wk., 2nd term.

44. PERSONNEL MANAGEMENT

4th Yr.:—2 lects. per wk., 1st term. *Professor Neilson*

45. KITCHEN ORGANIZATION

The purchasing of large quantity equipment; kitchen planning and sanitation.

4th Yr.:—2 lects. per wk., 2nd term. *Professor Neilson*

MATHEMATICS—*Taken with B.Sc. (Agr.)*

10. ELEMENTARY MATHEMATICAL ANALYSIS

1st Yr.:—3 lects. per wk., 2 terms. *Professor Henry (School for Teachers)*

NUTRITION AND DIETETICS

20. ELEMENTARY NUTRITION

A study of the indications of good nutrition and the essential food constituents.

2nd Yr.:—2 lects. per wk., 1st term.

30. FUNDAMENTALS OF NUTRITION

For description see Nutrition Department Course 30 in the B.Sc. (Agr.) syllabus.

4th Yr.:—2 lects. per wk., 2 terms. *Professors Crampton and Farmer*

300. NUTRITION LABORATORY

For description see Nutrition Department Course 300 in the B.Sc. (Agr.) syllabus.

4th Yr.:—1 lab. per wk., 2 terms.

Professors Crampton, Farmer, and Lloyd

41. DIET THERAPY

The function of nutrition as a curative and preventive factor in disease. Visits to hospital clinics and dietary departments. Field trips.

4th Yr.:—2 lects. per wk., 1st term. 3 lects., 1 lab., per wk., 2nd term.

Miss Stickwood

44. NUTRITION SEMINAR

Part of the work in this course will be taken with B.Sc. (Agr.) students. See Nutrition 33, page 4583.

4th Yr.:—2 seminars, per wk., 1st term. *Professors Neilson and Farmer*

PHYSICAL EDUCATION

10. Physical Education will be included in the work of the first year, all students being required to attend a minimum of two hours weekly during the session. Opportunity is provided for participation of all students in archery, swimming, basketball, skating, hockey, and badminton.

1st Yr.:—1 period per wk., 2 terms. *Mrs. Jacobs*

PHYSICS—*Taken with B.Sc. (Agr.)*

12. GENERAL PHYSICS

1st Yr.:—3 lects., 1 lab., per wk., 2 terms. *Professor Rowles*

33a. BIOPHYSICS

3rd Yr.:—1 lect., 1 lab., per wk., 1st term. *Professor Rowles*

PHYSIOLOGY—*Taken with B.Sc. (Agr.)*

30. ELEMENTARY PHYSIOLOGY

3rd Yr.:—3 lects. per wk., 2nd term. *Professor Dale*

PSYCHOLOGY

EDUCATIONAL PSYCHOLOGY—See course Education 30.

31. CHILD PSYCHOLOGY

The course will follow the development of the child from prenatal stages through the years of middle childhood. Special emphasis will be placed on the practical aspects of child care, training, behavior symptoms, and the everyday problems of the normal child. *Elective.*

3rd or 4th Yr.:—3 lects. per wk., 1 term.

Professor Hawkins (School for Teachers)

SOCIOLOGY

40. INTRODUCTION TO SOCIOLOGY—The Community

An examination of the social patterns of our society, with emphasis on group relationships. Special consideration will be given to the problems of the business and professional woman in modern society. *Elective.*

3 lects. per wk., 1 term.

TEXTILES

10. LAUNDERING

Effect of common chemicals on textile fabrics; methods of laundering, stain removal, and dry cleaning; study of laundry equipment.

1st Yr.:—2 lects., 1 lab., per wk., 2nd term. *Miss Jenkins*

20. TEXTILE FIBRES AND FABRICS

The source, construction, properties, and qualities of textile fibres and fabrics for clothing, household, and institutional use. Furnishings for the home and institution will be studied in order to establish a basis for the wise selection of textile materials by the consumer. Prerequisite to Chemistry 50.

2nd Yr.:—2 lects. per wk., 2 terms. *Miss Brown*

ZOOLOGY—*Taken with B.Sc.(Agr.)*

20. GENERAL ZOOLOGY

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms.

Professors DuPorte, Morrison, and Whitehead

B.Sc. (H.Ec.) COURSE EXAMINATIONS

(See page 4588)

HOMEMAKER COURSE

The object of this course is to train girls to deal intelligently with problems relating to the management of a home. The courses are, therefore, planned to give the student training in the different branches of household work, supplemented by a study of the sciences and arts which are related to the home. In planning the course full consideration is given to modern economic development and its relation to the woman in the home.

This is a one year course commencing September 9th and finishing June 3rd.

ENTRANCE REQUIREMENTS

1. For general requirements, see page 4528.

2. All candidates for admission to the Homemaker Course must have entered their eighteenth year and have successfully completed at least two years of High School work.

SYLLABUS

HOUSEHOLD SCIENCE—HOMEMAKER COURSE

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
Art:—					
Interior Decoration	5	1	1	..	..
Handicrafts	6	..	1	(either term)	
Clothing and Textiles:					
Clothing Selection	5	1	..	1	..
Clothing Construction	5a	1	2	1	2
Textiles and Laundering	6	1	1	(either term)	
English	5	2	..	2	..
Foods and Cookery	5	1	2½	1	2½
General Science	5	2	..	3	..
General Assignment	5	1	..	1	..
Home and Family Life:					
The Family, Home and Homemaker	5	2	..	..	..
Child Development	6	..	..	1	..
Home Nursing	5	..	..	1 (8-10 wks.)	
Horticulture	5	..	..	1½ (8-10 wks.)	
Household Administration:—					
Equipment and Furnishings	6	1	1	..	..
Home Management	7	Experience arranged, either term			
Household Accounts	9	..	..	2 (8-10 wks.)	
Nutrition and Meal Planning:					
Principles of Nutrition	5	2	..	..	..
Meal Planning and Table Service	6	1	..	..	..
Physical Education	5	2 hrs. per wk., 2 terms			

DESCRIPTION OF COURSES

ART

5. INTERIOR DECORATION

A study of homes and interiors including colour, furniture, textures and arrangement. Appreciation of Art in various fields and the compiling of illustrated notes to be bound in book form at the end of the year.

1 lect., 1 lab., per wk., 1st term. *Miss Jaques*

6. HANDICRAFTS

Elementary principles of weaving and leathercraft. A special fee is charged for the purchase of materials. Approximate cost, $8.00.

Equivalent of 1 lab. per wk., either term. *Miss Meikle and Miss Wren*

CLOTHING AND TEXTILES

5. CLOTHING SELECTION.

A study of the principles of colour and design as applied to clothing selection; the history of costume; good grooming; standards for buying ready-made clothing and household textiles.

1 lect. per wk., 2 terms. *Miss Brown*

5a. CLOTHING CONSTRUCTION

This course is designed to teach methods of constructing clothing and is based on student needs and abilities. Articles made may include some of the following: blouse, skirt, pyjamas, dress, children's clothing, tailored coat or suit. Emphasis is placed on gaining experience in handling the more difficult materials such as plaids, sheers, nylon, silk, jersey. Approximate cost of the course $20 to $25.

1 lect., 2 labs. per wk., 2 terms. *Miss Brown*

6. TEXTILES AND LAUNDERING

A study of the construction of fabrics, finishing, dyeing, and printing; major fibres and their reactions to laundering or cleaning; recent developments in textiles; laundry soaps, soaps, and water softeners; stain removal; methods and practice in washing and ironing clothing and household fabrics, including study of types of washers and ironers.

1 lect., 1 lab., per wk., 1 term. *Miss Brown*

ENGLISH

5. LITERATURE AND COMPOSITION

Lectures and laboratory work will cover these topics and activities; reading comprehension, appreciation of good literature, practical forms of writing, good speech, the conduct of public meetings, debating and discussion methods.

2 lects. per wk., 2 terms. *Mrs. Dubreuil*

FOODS AND COOKERY

5. BASIC COOKERY

This includes a study of food materials—their composition, cost, and market conditions, as a basis for selection. Principles of food preparation are stressed and practice given in methods of cookery applicable to the home.

1 lect., 2½ labs., per wk., 2 terms.

GENERAL SCIENCE

5. PHYSICAL AND BIOLOGICAL SCIENCES

An introduction to the elements of chemistry, physics, and biology with special references to their application to the home.

2 lects. per wk., 1st term; 3 lects. per wk., 2nd term.

HOME AND FAMILY LIFE

5. THE FAMILY, HOME, AND HOMEMAKER

This course deals with the historical development of family life; the functions of the family; personality and self-integration; the present-day homemaker and her role in family and community life.

2 lects. per wk., 1st term.

6. CHILD DEVELOPMENT

The principles of child psychology as related to the study of child growth and development.

1 lect. per wk., 2nd term.

HOME NURSING

5. HOME NURSING

Location, ventilation, furnishing, temperature, care of sick room; making of beds; bed baths; care of patient; taking temperatures; prevention and care of bed sores, emergencies, infectious diseases. Care of young baby and mother. Dental health.

1 lect. per wk., 2nd term. (8-10 weeks).

HORTICULTURE

5. HOME GARDENING

This course includes a study of vegetable gardening, fruit culture, the lawn, the management of plants used in the beautification of grounds and the care of decorative plants in the home.

1½ hrs. per wk., 8 to 10 wks., 2nd term. *Horticulture Department staff*

HOUSEHOLD ADMINISTRATION

6. EQUIPMENT AND FURNISHINGS

A study of house plans and kitchens, from the standpoint of convenience and attractiveness; selection, use, and care of household equipment and furnishings, including practical work in cleaning; study of time management; accident prevention in the home; control of household pests.

Presentation of various aspects of homemaking through the use of films, speakers, demonstrations, and class assignments.

1 lect., 1 lab., per wk., 1st term. *Miss Brown*

7. HOME MANAGEMENT

See Home Management 31 (p. 4601).

Practice House Experience.

Equivalent of 2 labs. per wk., 1 term.

9. HOUSEHOLD ACCOUNTS

This course deals with the problems of household financing and includes the study of standards of living, budgeting, simple methods of household accounting, savings, and investments. Practice is given in keeping personal accounts during this course.

2 lects. per wk., 8-10 wks., 2nd term *Miss Brown*

NUTRITION AND MEAL PLANNING

5. PRINCIPLES OF NUTRITION

This course deals with the nutritional requirements for health, the provision for these in the diet, and the study of the nutritive properties of common food materials.

2 lects. per wk., 1st term. *Professor Neilson*

6. MEAL PLANNING AND TABLE SERVICE

The application of nutrition in daily menu planning; menus for special occasions with appropriate table appointments; rules for table settings and service.

1 lect. per wk., 1st term. *Miss Brown*

PHYSICAL EDUCATION

5. PHYSICAL EDUCATION

2 hrs. per wk., 2 terms. *Mrs. Jacobs*

PERSONALITY AND CONDUCT

A credit is given for good performance in this field.

HOMEMAKER EXAMINATIONS

A certificate is granted to a student who successfully completes the course of study in the Homemaker Course.

For pass standing a minimum of 50% of the marks in each subject and 60% of the aggregate marks for the course is required.

Homemaker students conditioned in more than two subjects will be considered as having failed in the course.

Students conditioned in not more than two subjects may remove the condition by passing a supplemental examination in the particular subject or subjects.

Time lost through absence from classes must be made up after class hours, unless an official report of illness is received.

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. *See page 4520.*

PARTIAL COURSES

Partial students may be accepted at the beginning of the session in the B.Sc. (H.Ec.) course, at the discretion of the Director and provided there is accommodation for them. For fees applicable, see page 4523.

The School for Teachers

"The appointment of teachers in the said school shall be made by the Trustees, who shall also have the power of dismissal, and the teaching and training in the said school shall, subject to the regulations at all times of the Protestant Committee, be under the direction of a committee to be called 'The Teachers' Training Committee', which shall consist of the Director of Protestant Education, of four persons appointed by the Protestant Committee, of the Principal of McGill University (who shall be ex-officio Chairman of the Committee) and of two other persons appointed by the Governors of McGill University, those appointed respectively by the Protestant Committee and the Governors of McGill University to hold office for a term of three years and to be eligible for re-election."

6 George VI, Chapter 21.

THE TEACHER TRAINING COMMITTEE

THE PRINCIPAL OF MCGILL UNIVERSITY, *Chairman*

THE DIRECTOR OF PROTESTANT EDUCATION

Representatives of the Protestant Committee of the Council of Education:

THE REV. G. G. D. KILPATRICK
J. S. ASTBURY, ESQ.
T. M. DICK, ESQ.
W. E. DUNTON, ESQ.

Representatives of the Senate of the University:

DEAN W. H. BRITTAIN
DEAN H. N. FIELDHOUSE

By invitation:

CHAIRMAN OF THE PROTESTANT COMMITTEE
DIRECTOR OF THE SCHOOL FOR TEACHERS

COMMITTEES OF THE FACULTY

Executive: PROFESSOR MUNROE, *Chairman*
PROFESSOR HALL
PROFESSOR HANSON

Scholarship:	PROFESSOR MUNROE, *Chairman*
	MISS BOWERS
	MRS. JACOBS
	PROFESSOR HALL
	PROFESSOR HANSON
	PROFESSOR HENRY
Guidance:	PROFESSOR HALL, *Chairman*
	MISS BOWERS
	PROFESSOR HAWKINS
Audio-Visual:	PROFESSOR HENRY, *Chairman*
	PROFESSOR HANSON
	MISS JAQUES

CHAIRMEN OF SPECIAL COMMITTEES

Timetable:	PROFESSOR HAWKINS
Programme:	MISS JAQUES
Publications:	MISS SEXSMITH
Library:	MISS BOWERS
Alumni Relations:	MISS BOWERS

SCHOOL FOR TEACHERS

The McGill Normal School was founded in 1857 under an agreement between the Government of the Province of Quebec and McGill University. In 1907, following a further agreement subsequently confirmed by an Act of the Legislature (7 Edward VII, Chapter 26), the School was moved to Ste. Anne de Bellevue where it became part of Macdonald College. Since then it has operated as a school of the University under the jurisdiction and control of the Protestant Committee of the Council of Education and the University.

The School prepares candidates for Kindergarten, Elementary, and Intermediate teaching certificates which are awarded by the Central Board of Examiners of the Province of Quebec.

The residential accommodation of the College and the excellent facilities for classroom observation and practice teaching provide unusual opportunities for the education of teachers.

The ninety-seventh session of the School will begin on Tuesday, September 8th, 1953, and will close on Thursday, June 3rd, 1954.

ENTRANCE REQUIREMENTS

Teachers to be trained for the schools under the control of the Protestant Committee of the Council of Education for the Province of Quebec are admitted under conditions prescribed by that body.

After receiving certificates of admission, accepted candidates must send to the authorities of Macdonald College a certificate of vaccination showing (a) Successful vaccination within seven years; or (b) Immunity to vaccine after two recent unsuccessful vaccinations, such certificate of immunity to be good for five years from date.

When the authorities of Macdonald College receive the lists of candidates admitted to the various classes, they will communicate immediately with all accepted candidates regarding registration and the sending of the admission certificate and the vaccination certificate. They will also forward a copy of the Announcement to those who have not already received one. Candidates who are accepted are, therefore, requested to withhold separate inquiries, pending receipt of this general advice from the College. Persons admitted to the School must be present on the first day of the session. The 1953-54 session opens on Tuesday, September 8th.

Candidates who have received admission certificates, but find themselves unable to attend the College, are requested to advise Dr. W. P. Percival, Department of Education, Quebec, Que., of that fact without delay.

MODE OF ADMISSION TO THE SCHOOL FOR TEACHERS

Anyone desiring to take a course in the School for Teachers to qualify for teaching in the Province of Quebec must apply for authorized forms of application for admission, and for all other information, to the Secretary of the Protestant Central Board of Examiners, Dr. W. P. Percival, Department of Education, Quebec, Que. Application for admission must be made on *or before June 30th.* As Macdonald College is a residential institution, this date must be observed.

Applications for admission to the course leading to the Bachelor of Education degree should be sent to The Registrar, McGill University, Montreal 2, Que.

Candidates are advised to obtain and read carefully the pamphlet entitled *Circular of Information for Persons Interested in Entering the Teaching Profession* issued by the Protestant Central Board of Examiners.

Candidates for any class must be Canadian citizens, or must have begun the necessary proceedings to become such. They must also furnish the certificates of age and of good moral character, as required by the regulations. Moreover, they must send a medical certificate on a special form

obtainable from Dr. Percival, together with an X-ray report made within the previous six months. These must show to the satisfaction of the Central Board that the candidate is in good health and free from physical defects likely to interfere with his or her usefulness as a teacher.

All such candidates, before entering upon a course, must sign an agreement to teach in the Province of Quebec for at least three years after graduation. This service is expected in lieu of a tuition charge.

Candidates for diplomas for teaching in the Province of Quebec must satisfy the requirements laid down by the Protestant Central Board of Examiners for entrance to the several courses of study in the School for Teachers. Their attention is specifically called to the fact that the courses in French in the School for Teachers are conducted largely in that language. Students who have not had Oral French in the High School grades should make themselves familiar with Oral French as far as possible before entering the School for Teachers. Otherwise, they will find themselves seriously handicapped.

Elementary and Two-year Intermediate Classes. Applicants for admission to the Elementary Class in the School for Teachers and to the Two-year Intermediate Class must hold a High School Leaving or equivalent certificate, showing a pass in ten papers.

Candidates for this certificate should have entered their eighteenth year before the first day of September, 1953; that is, they should have been born before the first day of September, 1936.

Intermediate Class. Applicants for admission to the Intermediate Class must hold a Senior High School Leaving or equivalent certificate and must also have passed in ten papers in the High School Leaving examination or its equivalent.

Candidates for this diploma should have entered their nineteenth year before the first day of September, 1953; that is, they should have been born before the first day of September, 1935.

The holder of an elementary certificate or diploma who subsequently obtains a Senior High School Leaving certificate, or its equivalent, and has passed in ten papers of the Grade XI examination will be granted an intermediate certificate without further attendance in the School for Teachers. For this purpose the examination for the Senior High School Leaving certificate may be taken in two parts.

Kindergarten Class. Applicants for admission to the Kindergraten class must hold a High School Leaving or equivalent certificate, showing a pass in ten papers. In addition, candidates should have special proficiency in art (pencil and water colour) and music (piano and voice). They should also possess special qualities of sympathy and interest which are necessary in teaching young children. They must be at least seventeen

years of age, that is, they should have been born before September 1 1936.

During the first week of the session candidates will be tested individually in art and music.

High School Class. Diploma candidates holding a Bachelor's degree from an approved university with credit in the prerequisite subjects may be admitted to the Intermediate Class and, upon graduation, will be qualified to receive the High School Diploma.

Agriculture Specialist Certificate. (see page 4591.)

Home Economics Specialist Certificate. (see page 4593.)

Art Specialist Certificate. See Announcement of the Faculty of Arts and Science, McGill University.

Library Science Specialist Certificate. See Announcement of the McGill Library School.

Physical Education Specialist Certificate. See Announcement of the School of Physical Education, McGill University.

B. Ed. degree

The undergraduate course leading to the degree of B.Ed. is under the direction of the Faculty of Arts and Science with the co-operation of the School for Teachers. The course extends over four years and includes academic and professional subjects, as well as practice teaching, in each year. The first two years of the course are given at Macdonald College, while the last two are given in McGill College. Candidates for admission to the course are required to meet the entrance requirements of the Faculty of Arts and Science, as follows:

(a) The candidate must pass in each of the following papers in the University's Junior School Certificate and receive an average of at least 65% on the examination as a whole:

No. of Papers	Subject
2	English
1	General History
2	Latin or Greek
2	French; Latin; German; Spanish
2	Elementary Algebra and Elementary Geometry
1	*One* of the following optional papers: Biology, Botany, Chemistry, Drawing, Geography, Canadian History, Physics, Music, Intermediate Algebra, Trigonometry, *or* a foreign language not already chosen

OR

(b) The candidate must pass the following papers in the University's School Certificate Examination and normally obtain at least 70% on the examination as a whole:

No. of Papers	Subject
2	English
1	General History
2	French or German (both papers)
1	Elementary Algebra
1	Elementary Geometry
1	*One* of the following: Biology, Botany, Chemistry, Physics
2	Options: Either Latin *or* Spanish *or* French *or* German if not already chosen *or* any *two* of the following papers not already chosen: Intermediate Algebra, Trigonometry, Biology *or* Botany, Chemistry, Geography, Physics, Canadian History, Music *or* Drawing

Note: Candidates for entrance to the course leading to the degree of B.Ed. who present the Quebec High School Leaving Certificate as an alternative for McGill Matriculation may include the following among the optional papers in either (a) or (b): Agriculture, Home Economics, and North American Literature. Candidates for admission are also required to meet the Admissions Committee of the School for Teachers before their applications are approved. These interviews will be arranged during the first week of the session.

SPECIAL CONDITIONS

The Central Board of Examiners has the right to admit to any class, in exceptional cases, persons whose qualifications may be insufficient for entrance.

The Board has power to limit the number of admissions to the School for Teachers, when deemed necessary.

BURSARIES

Persons from rural districts who will find it impossible to enter the School for Teachers without government assistance may apply for bursaries to the extent of $200.

Application for these special bursaries should be made on a special form at the same time as the candidate applies for admission to the School for Teachers, must be accompanied by full particulars regarding the financial circumstances of the family and be supported by two letters from responsible persons who are familiar with the conditions.

TRAVELLING EXPENSES

On being awarded an elementary, intermediate, or kindergarten certificate, each teacher-in-training at the School for Teachers residing 200 miles or more from Montreal will be paid, out of the funds provided by the Government, the sum of five cents for each mile that his home, in the Province of Quebec, is distant from Macdonald College.

TEACHERS' DIPLOMAS

The Director of Protestant Education and the Protestant Central Board of Examiners, under the regulations of the Protestant Committee, alone have the power to grant certificates and diplomas valid for Protestant schools.

To graduates of training courses, interim certificates are granted of the following grades: kindergarten, elementary, intermediate, and high school. The elementary certificate is primarily intended to permit the holder to teach in rural elementary schools.

Interim high school certificates shall be exchanged for permanent diplomas when evidence of successful teaching for two years shall have been submitted to the Director of Protestant Education.

Interim kindergarten, elementary, and intermediate certificates shall be exchanged for permanent diplomas when evidence of successful teaching for two years shall have been submitted to the Director of Protestant Education as well as of the successful completion of one session at an approved professional summer school.

Holders of interim certificates who, in the opinion of the Inspector, have taught successfully shall receive from him statements to that effect. When teachers have obtained two such recommendations and have satisfied summer school requirements that may be demanded of them, they shall send the statements together with their interim certificates to the Department of Education where they will be exchanged for permanent diplomas.

Under the regulations of the Protestant Committee, certificates and diplomas of any grade are given only to teachers who have completed professional training.

The examinations for elementary, kindergarten, and intermediate certificates shall be the sessional examinations of the School for Teachers, together with reports on ability to teach and to govern, rendered by the Director of the School.

Advanced elementary and advanced intermediate diplomas are granted after successful attendance at approved professional summer schools, in accordance with the regulations.

Graduates and undergraduates who are candidates for High School diplomas must take the lectures in Education provided by the universities or the School for Teachers, and must teach for a minimum of twenty-five days, as required by regulation.

All holders of intermediate diplomas from the School for Teachers shall be entitled to receive high school diplomas on graduating at some Canadian or other British University provided they have fulfilled the requirements in regard to their degree course that are demanded in Regulation 130 (f).

COURSE REQUIREMENTS—

KINDERGARTEN

Division 1: Modern Western Civilization, Physical Education, Scripture, English 1T and 2T, Music 1

Division 2: Education 1, 2, 4

Division 3: Education 10, 11, 12, 13

Division 4: Education 20

ELEMENTARY

Division 1: Modern Western Civilization, Physical Education, Scripture, English 1T and 2 T, Music 1 or 2 (depending on entrance qualifications), French 1T, Science.

Division 2: Education 1, 2, 4

Division 3: Education 10, 12, 13

Division 4: Education 20

INTERMEDIATE (TWO YEAR COURSE)

1st year

Division 1: Physical Education, English 16 and 2T, Music 1, French 30 and 31, History 30, Science.

Division 2: Education 1, 3

Division 3: Education 10, 12

Division 4: Education 20

2nd year

Division 1: Physical Education, Scripture, English 25, 2T, 2 of the following: Art, Music, Latin, Mathematics, Chemistry, Physics, Geography

Division 2: Education 4

Division 3: Education 13

Division 4: Education 21

INTERMEDIATE (ONE YEAR COURSE)

Division 1: Modern Western Civilization, Physical Education, Scripture, English 25 and 2T

Division 2: Education 1, 3, 4

Division 3: Education 10, 12, 13

Division 4: Education 20

B. ED. (FOUR YEAR COURSE)

1st year

Division 1: English, French, History

Division 2: Education 1 & 3: Introductory Psychology

Division 3: Education 10: General Educational Practice
Education 12: Subject Methods

Division 4: Education 20: Observation and Classroom Practice
Also 1 hour Terminal Courses in English, French, Music, Physical Education

2nd year

Division 1: English: Mathematics or Latin. Two of: Biology (Botany, Zoology), Art, Chemistry, Physics, French, History, Geography, Music.

Division 2: Education 4: History of Education

Division 3: Education 13: Classroom Organization and Management
Education 14: Extracurricular Activities

Division 4: Education 21: Practice in School and Community Programs
Also 1 hour Terminal Courses in Scripture, Science, Physical Education

3rd year

Division 1: Two continuation subjects to be selected from subjects already begun in the 1st or 2nd years: English, French, History, Geography, Music, Biology (Botany, Zoology), Mathematics, Fine Arts, Latin, Chemistry, Physics

Two additional courses from the above or: Philosophy, Religion, Geology, Zoology, Botany, Economics, Political Science, Sociology, Psychology, Genetics, German, Spanish

Division 2: Education 5: General Psychology

Division 3: Education 15: Educational Testing and Measurements

Division 4: Education 22: Diagnostic and Remedial Teaching

4th year

Division 1: Two continuation subjects as above.
One option, as above

Division 2: Education 6: Philosophy of Education

Division 3: Education 16: Comparative Studies in Curriculum

Division 4: Education 23: Interneship: 2 one-month periods in schools of Montreal

DESCRIPTION OF COURSES

Diploma requirements are indicated as follows:

(E) Elementary (K) Kindergarten (I) One-Year Intermediate

(FI) Freshman Class (SI) Sophomore, Two-Year Intermediate

DIVISION I: GENERAL EDUCATION

Associate Professor FRANK K. HANSON, *Chairman*

Professors
C. WAYNE HALL
DAVID C. MUNROE
WILLIAM ROWLES
(*Faculty of Agriculture*)

Associate Professors
HENRY R. C. AVISON
(*Faculty of Agriculture*)
C. C. BAYLEY
(*Faculty of Arts and Science*)

Assistant Professors
COLIN DOUGLAS GORDON
(*Faculty of Arts and Science*)
S. C. M. HAWKINS
ARTHUR M. HENRY

Lecturers
A. ELIZABETH JAQUES
ADÈLE JACOBS

ENGLISH COMPOSITION

2T. Instruction and practice in English usage, oral and written composition, voice recording, and choral speaking.
(E) (K) (I) (FI)

1 hour a week. *Professor Hall*

14. Instruction and practice in the elements of good speech and good writing: 1 lecture period per week, conference hours and written themes to the equivalent of 1 lab. period per week 2 terms. A student failing in the year's work will be required to repeat this course until the necessary standard has been attained.
(SI-1953-54)

1 lect., 1 lab., a week. *Professor Avison*

ENGLISH LITERATURE

1T. Reading and discussion of a wide variety of selections with the intention of extending comprehension, deepening appreciation, and revealing the scope and significance of literature.
(E) (K)

1 hour a week. *Professor Hall*

16. A study of the forms of literature—mainly poetry, fiction, drama, from Anglo-Saxon times to about 1880—with special attention to those factors which condition literary taste and judgment. A schedule of topics and readings will be available before the course begins.
(FI)

2 hours a week. *Professor Avison*

25. An extension of English 16 with topics and readings drawn from the work of British, Canadian, and American writers from 1880 to the present.
(I) (SI)

2 hours a week. *Professor Hall*

FRENCH

30. (a) *Pratique oral:* Readings, answers to questions, and prepared discussions on assigned subjects. Special emphasis on fluency, correct sentence building, accuracy in the use of an idiomatic vocabulary. *Text:* de Visme and Jordan, Spoken French.

(b) *Explication de textes:* Lectures given in French. A study, gauged to the achievement level of the students, of Ringuet, Trente Arpents. The primary object is to master the story and to appreciate the atmosphere of French Canada as portrayed in this novel, with subsequent detailed, analytic study of its literary merits.

(c) *La France contemporaine:* Lectures given in French on the geography of France, the rôle of Paris, the history of France in politics, science, art, literature and music, correlated with present conditions.
(SI-1953-54)

3 hours a week. *Professor Hawkins*

31. Skills and drills required to teach French in Elementary and Junior High School; special emphasis on content of the Course of Study, Grades III-VII (E) (I) (FI).

One hour a week, Winter and Spring terms. *Professor Hawkins*

LATIN

10. For those students who have completed at least two years of High School Latin.

Texts: Hettich and Maitland, Latin Fundamentals, 3rd edition (Prentice-Hall), J. M. Milne, First Latin Reader (G. G. Harrap).

(SI)

3 hours a week. *Professor Gordon*

PHYSICAL EDUCATION

(E) (K) (I) (FI)

1 hour a week. *Mrs. Jacobs*

HISTORY

30. European Civilization in Medieval and Modern Periods.

(FI)

3 hours a week. *Professor Bayley*

MODERN WESTERN CIVILIZATION

An integrated course outlining parallel patterns of development in history, music, literature and the fine arts; geographical settings and influences in Europe and America, 1789-1952.

(E) (K) (I)

3 hours a week. *The Staff*

MATHEMATICS

10. Elementary Mathematical Analysis. An introduction to functions and their graphical representation; solution of equations; logarithms; trigonometry; binomial theorem; compound interest; permutations, combinations and probability.

(SI)

3 hours a week. *Professor Henry*

SCRIPTURE

The historical and literary background of the Bible.

(E) (K) (I) (FI)

1 hour a week. *Lecturer from the Faculty of Divinity*

OPTIONS (SI ONLY)

ONE OF THE FOLLOWING—

(Note: All courses are not necessarily given every year. The enrollment for courses and the timetable will determine which courses will be offered for the session 1953-54.)

CHEMISTRY 10

Inorganic Chemistry. *Text:* Jones, Inorganic Chemistry (Blakiston).

3 hours and 2 labs., a week.

PHYSICS 12—General Physics

An elementary course dealing with the subject chiefly from the experimental side, with selected problems based on the fundamental principles. The course is designed to familiarize the students with the more important laws of physics and to furnish the necessary basis for later work.

3 hours and 1 lab., a week.

GEOGRAPHY 12—The Elements of Physical Geography

Scientific study of man's habitat. The course is divided into two main parts:

(a) The origin and world distribution of landforms developed under different climates. Major earth resources: water, soils, and minerals.

(b) Climate and weather; physical processes and properties of atmosphere. The principal climatic belts of the world. Significance of climate as a factor influencing human settlement.

3 hours a week.

MUSIC

1. Rudiments, tonic sol-fa, sight singing, dictation, conducting, voice, foundations of music.

(E) (K) (I) (FI)

One hour a week *Professor Hanson*

2. *Prerequisite:* Rudiments of Music (Junior Grade, McGill or equivalent standing, or entrance examination).

(a) History. A survey of the development of musical styles, composers, and works for the period 1600-1900.

(b) Form and Analysis. Elementary principles of form. 17th and 18th century forms. Analysis of short piano works.

(c) Harmony. Transposition; key and time; harmonic analysis; melody harmonization (root and first inversion triads; dominant 7th in root form; cadential six-fours); dominant 7ths in all positions.

(d) Aural Training. Intervals and chords; dictation in simple time; simple modulation; melodic analysis; sight reading.

3 hours a week. *Professor Hanson*

TUTORIALS

Students whose standing is unsatisfactory in any subject will be required to attend tutorial classes conducted under the direction of the Chairman of Division I.

DIVISION II: FOUNDATIONS OF EDUCATION

Professor D. C. MUNROE, *Chairman*

Assistant Professors PHYLLIS BOWERS
S. C. M. HAWKINS

Lecturer ADÈLE JACOBS

EDUCATION 1—The growth and Development of Children

A study of the general characteristics of physical, social, and emotional development in children.

2 hours a week, Autumn Term. *Professors Munroe, Bowers, and Hawkins, Mrs. Jacobs and lecturers from the School of Household Science*

EDUCATION 2—The Child at School

Elementary educational and child psychology. Testing and Measurement, Mental health and educational guidance. Elementary and Kindergarten Classes.

2 hours a week, Winter and Spring Terms. *Professor Bowers*

EDUCATION 3—Educational Psychology

Growth and development of children through adolescence. Psychology of learning. Individual differences. Growth and development of personality. Testing and measurement. Mental hygiene and educational guidance. Intermediate Class.

2 hours a week, Winter and Spring Terms. *Professor Munroe*

EDUCATION 4—The History of Education in Western Society

The history of education in Europe and America including a comparative study of the systems of public education in the countries of western Europe, in the United States, and in Canada.

3 hours a week. *Professor Munroe*

DIVISION III: METHODS OF INSTRUCTION

Professor	C. W. HALL, *Chairman*
English	C. W. HALL, *Chairman* PHYLLIS BOWERS
French	PROFESSOR S. C. M. HAWKINS, *Chairman*
Health and Recreation	ADÈLE JACOBS
Mathematics and Science	A. M. HENRY
Music	F. K. HANSON
Art	A. ELIZABETH JAQUES
Social Studies	D. C. MUNROE, *Chairman* FRANCES A. SEXSMITH

EDUCATION 10—General Educational Practice

(a) Curriculum organization, lesson planning, teaching media and methods, individualization of instruction, evaluation and testing, school law. (E, K, I, FI)

(b) Audio-visual methods and materials, projection operation, the use of films and filmstrips, radio, models and displays, field trips. (E, K, I, FI)

(c) Organization and preparation of teaching materials for one of the following: the Primary Department, the Elementary School, or the Junior High School. (E, K, I)

Two hours a week. *The Staff*

EDUCATION 11

The origin and development of Kindergarten and Nursery School Programmes.

One hour a week. (K) *Professor Bowers*

EDUCATION 12—Subject Methods

(a) Language Arts.

Language, reading, literature. (E, K, I, FI)

One hour a week. *Professor Hall*

Spelling, writing, childhood education. (E, K, I, FI)

One hour a week, autumn and winter terms. *Professor Bowers*

(b) French. (E, I, FI)
One hour a week. *Professor Hawkins*

(c) Health and Recreation. (E, K, I, FI)
One hour a week. *Mrs. Jacobs and Mr. Cooke*

(d) Mathematics and Science. (E, I, FI)
Two hours a week. *Professor Henry*

(e) Music and Art. (E, K, I, FI)
One hour a week. *Professor Hanson and Miss Jaques*

(f) Social Studies. (E, K, I, FI)
One hour a week. *Miss Sexsmith*

EDUCATION 13—Classroom Organization and Management

A study of the special problems of organization, instruction, motivation, and discipline at representative grade levels in the elementary school, based on observation and the development of anecdotal records and case histories.

Three hours a week (1 lecture, 1 two-hour laboratory period). (SI)
Professor Hall and Demonstration Teachers

EDUCATION 14—Extra-Curricular Activities

A survey of the school programme, followed by experience in conducting various types of out-of-class activities.

Two hours a week. (SI) *Professor Munroe and Demonstration Teachers*

DIVISION IV: THE PRACTICE OF TEACHING

Professor D. C. MUNROE, *Chairman*

All members of the staff assist in the supervision of practice teaching.

EDUCATION 20. Observation and Classroom Practice.

First year students

(a) Observation in suburban and rural schools (September).

(b) Observation and practice in schools of the Protestant School Board of Greater Montreal and Macdonald High School (November).

(c) Observation in demonstration classroom (Macdonald High School) and practice in suburban schools (January).

(d) Practice in schools of the Protestant School Board of Greater Montreal (March).

EDUCATION 21. Practice in School and Community Programs.

Second year students

(a) Observation and practice in selected rural schools (September).

(b) Advanced practice in Macdonald High School (January).

(c) Advanced practice in schools of the Protestant School Board of Greater Montreal (May).

STUDENT TEACHING COMMITTEE

Co-Chairmen

D. E. POPE, *Education Officer, Protestant School Board of Greater Montreal*

D. C. MUNROE, *Director, School for Teachers*

Committee Members

PHYLLIS E. BOWERS, *Macdonald College, Secretary*

PHYLLIS BREWER, *Iona School*

MALCOLM DAVIES, *Headmaster, Macdonald High School*

JESSIE K. HARRIS, *Willingdon School*

A. M. HENRY, *Macdonald College*

SCOTT KNEELAND, *Principal, Lorne School*

FLORENCE LAW, *Supervising Assistant, Protestant School Board of Greater Montreal*

J. F. STEWART, *Principal, Guy Drummond School*

D. F. WATSON, *Principal, Nesbitt School*

School	Assisting Teachers
Aberdeen	Mrs. D. Sear; Mrs. R. Blatt
Alfred Joyce	Miss C. E. Crooks; Mrs. H. F. Hunter; Mrs. E. W. MacKenzie
Amherst	Mrs. M. C. Wallace; Miss F. M. Simpson
Bancroft	Miss M. C. Leiffer; Mr. W. G. Taylor; Miss E. Hoffman; Mrs. S. Gowing; Miss J. P. Cockerline
Bannantyne	Miss M. A. Montague; Mrs. M. A. Forbes; Miss M. Mather; Miss M. Xenos; Mr. J. H. Evely
Barclay	Miss M. R. Clarke; Mrs. H. Millie; Miss M. L. E. Grimes; Miss E. Tandy; Mrs. J. Thompson; Miss O. Neil
Carlyle	Mr. A. E. Gamble; Mrs. G. Cunningham; Mrs. M. Smyth; Mrs. E. Prowse; Mrs. D. Neale

Cartierville	Miss D. H. M. Parkinson; Miss R. Hughes; Mrs. M. Shields
Central Park	Miss E. Kalan; Miss M. L. Reid
Cote des Neiges	Miss A. W. Clark; Miss E. I. Haapalainen; Mrs. R. M. E. Clarke; Mrs. T. M. McFall
Delorimier	Miss J. V. M. Emo; Miss G. L. McKee
Devonshire	Mrs. S. Goldenblatt; Miss F. Goodell
Drummond	Miss K. Gilmour; Miss H. E. Smeed; Mrs. C. Tedford; Miss I. Robertson
Dunrae Gardens	Miss M. Morrison; Mrs. H. N. Miller; Mr. B. H. Roe; Mrs. S. M. McCall
Edward VII	Miss N. J. Rollinson; Miss D. Aronson; Mrs. M. Leslie
Elizabeth Ballantyne	Miss J. Currie; Miss E. Field; Mrs. C. J. MacLeod; Mrs. C. Hayes
Elmgrove	Mrs. R. Shaw; Mrs. E. Thompson; Mrs. R. Johnson
Fairmount	Mrs. L. Edey; Miss B. Strelshik; Miss G. Broder; Mrs. M. Nadler
George Esplin	Mrs. K. Anderson; Mr. B. A. Scarlett
Gilson	Miss P. M. Laing; Mrs. M. Heazel
Guy Drummond	Mrs. E. Wall; Mrs. H. Elsey; Mrs. G. Stewart; Miss G. Hughes; Mrs. F. Forde
Hampstead	Mrs. J. C. Donald; Miss J. S. Laird; Miss H. Laing
Herbert Symonds	Mrs. M. L. Morton; Miss N. V. Badian; Miss H. M. Wilson; Miss H. E. Smith; Mrs. M. Walbank
Iona Avenue	Miss E. M. Shea; Miss D. M. Whitehouse; Mrs. M. P. Quackenbush; Miss P. V. Brewer; Miss I. G. Vibert; Miss L. E. Davies
Kensington	Miss I. Eakin; Mrs. O. Cloutier; Mrs. E. Richardson; Miss M. Webber
Lorne	Miss M. G. Marshall; Miss M. F. Greig; Miss M. Clarke; Mrs. S. Cohen; Miss Dancey
Macdonald	Miss M. Young; Mr. J. Haughton; Miss R. Evans; Mrs. C. Cook; Mrs. F. Heslop; Mr. M. Ellison; Mr. R. Malboeuf; Mrs. M. MacRae; Mr. H. Smithman; Mrs. M. Kirkpatrick; Miss L. Craig; Miss J. Dix; Miss I. Heusser; Miss R. Sprenger; Mrs. A. Mitchell; Mrs. D. Edward; Mrs. M. Whitman; Miss O. Hartley; Miss G. Revel; Miss M. Rice; Miss D. Wildman

School	Assisting Teachers
MacVicar	Miss M. Helleur; Mrs. A. E. I. Dawe
Maisonneuve	Mrs. M. E. Galley; Mr. W. M. Leslie; Mrs. J. Ewing; Mrs. E. M. Allam; Miss S. Notar; Miss B. Maxwell
Montreal West High	Miss E. Vibert; Miss D. Almond; Mrs. M. O. Barter
Nesbitt	Miss M. McLean; Miss J. Emerson; Mrs. L. Hedges; Mrs. L. Morrison
Parkdale	Miss L. Keddy; Mrs. L. Grass; Mrs. D. Martin; Mrs. R. Wahlberg
Peace Centennial	Miss E. Zahalan; Mrs. E. Allen; Mrs. S. Baker; Mrs. E. McKelvey; Miss U. Rowe; Mrs. H. MacLeod
Riverside	Miss M. M. Brisbane; Miss M. E. J. Neate
Riverview	Mrs. A. S. Gibson; Miss D. M. Corbet; Mrs. M. H. Adams; Miss E. N. Singer
Rosedale	Miss J. Fletcher; Mrs. H. Sinfield; Miss B. Sifton; Miss J. McOuat; Miss M. V. Knee; Mrs. M. D. Crawford
Royal Arthur	Miss E. R. Doane; Miss I. Appugliese; Mrs. M. Ironside; Mr. R. Cooper
Royal Vale	Miss J. MacKell; Miss B. Weiss; Miss J. Harris
Rushbrooke	Mrs. E. M. Roy; Miss B. George; Miss M. A. McGerrigle
St. Laurent	Miss A. Marshall; Miss S. Scott; Miss I. Richardson; Miss F. Adams
Strathearn	Mr. L. J. B. Clark; Miss E. Rosedale; Mrs. N. Pellowe; Miss M. D. Smith
Summerlea	Miss B. E. Hooper; Miss M. Martin; Mrs. M. Morris; Mrs. H. Stewart
Van Horne	Mr. H. N. Hamilton; Mrs. K. O. Paterson; Mrs. M. A. Craib; Miss A. R. Stickland; Mrs. M. G. Sevigny; Miss B. L. Powell
Victoria	Miss U. Wardleworth; Miss M. Steele; Miss B. Smirle; Miss R. Toohey
Willingdon	Miss O. Whitehouse; Mrs. E. Hebert; Miss P. Reynolds; Mrs. M. Cram; Mrs. R. Moore; Mrs. M. Benson; Mrs. M. McCarthy

School	Assisting Teachers
Woodland	Miss Armstrong; Miss Boright; Miss Collier; Mrs. Jessop; Mrs. Turnbull
Macdonald College Nursery School	———

TUTORIAL PROGRAM

At the beginning of each session first year students are required to write tests in several of the basic subjects. Students whose record is unsatisfactory are required to attend special subject tutorials during the autumn term. The tutorial program is under the direction of the chairman of Division I.

ADVISORY PROGRAM

Each student is assigned to a member of the staff who will act as his adviser throughout the session. Advisory group meetings are held weekly and the discussions are based on academic, personal, and professional problems suggested by the students.

During the first observation and practice teaching periods the students are assigned in advisory groups under the direction of their advisers so that they may obtain advice and assistance in their first classroom experience.

TERM PAPERS

Each student is required to submit to his adviser a term paper in each of the three terms. This is intended to give motivation for outside reading and research and to provide students with an opportunity for directed development of logical thought and clear expression. The topics of these papers will be related to the work of Division III in the autumn term, Division II in the winter term and Division I in the spring term and will be selected from a list prepared by the adviser. Term papers are submitted to the adviser before the end of each term and are read and discussed individually with each student.

CHAPEL SERVICE

A monthly Chapel Service is held, usually on the fourth Wednesday of the month at 3.30 p.m. The services are planned in consultation with the University Chaplain and the Honorary Lecturers in Religious Instruction and addresses on these occasions are given by visiting speakers.

PADRE'S HOUR

Students are required to state with which religious denomination they are connected. They are required to attend weekly periods held by the Honorary Lecturers in Religious Instruction for the discussion of religious problems. Each student is expected to attend public worship at least once every Sunday.

ASSEMBLY PROGRAMS

The first period each Monday is reserved for a weekly assembly. The purpose of these programs is to give students experience in planning and conducting the type of assembly commonly used in schools. Special assembly programs, arranged by the students, are also presented monthly, the addresses being given by visiting speakers.

STUDENT TEACHERS' SOCIETY

Students in the School for Teachers participate fully in the various activities sponsored by the Macdonald College Students' Council. They are also members of the Student Teachers' Society, which is represented on the Council and is affiliated with the Provincial Association of Protestant Teachers. The executive of the Student Teachers' Society meets weekly and general meetings of the Society are held each month.

A fee of $1.00 is collected from all students in September to provide the funds necessary for the operation of the Society.

RESIDENCE REQUIREMENTS

All students are normally required to live in residence at the College. However, in special cases, certain students whose homes are in Montreal may be given permission by the Director to commute to and from the College daily. Arrangements for commuting must be made before the opening of classes, and no student who has gone into residence at the beginning of the session will subsequently be given permission to commute.

BOOKS

SCHOOL TEXTS

Frequent reference will be made to books authorized for use in the schools of the province. Students should therefore bring with them all the textbooks in their possession which are at present used in Elementary, Intermediate, or High School grades.

STUDENT TEXTS

Student texts in the various courses will be announced by each professor or lecturer at the beginning of the session and may be purchased at the College Book Shop.

SCHOOL FOR TEACHERS BOOK FEE

In order to reduce the expense of textbooks to individual students, an arrangement has been made whereby students of the School for Teachers will pay to the Secretary the sum of two dollars per session for the use of books in certain departmental libraries, thus saving the students the necessity of purchasing individual copies of expensive books.

Scholarships and Prizes

FACULTY OF AGRICULTURE—

GENERAL

BURSARIES FOR SONS OF FARMERS

The following bursaries are available on application for *sons of farmers* of Quebec, the Ottawa Valley in Ontario, and the Maritime Provinces, who are living in residence at the College:

Diploma Course students	$10.00
Degree Course students	15.00
Postgraduate students	15.00
School for Teachers' students	15.00

Application for one of these bursaries or for renewal must be made before September 1st and must be accompanied by a recommendation from the local agronome, agricultural representative, or similar official.

B.Sc. (Agr.) COURSE

Eliza M. Jones Scholarships. Five scholarships have been established by a bequest of the late F. P. Jones in memory of his mother. They are restricted to applicants who are sons or daughters of farmers and who are entering the B.Sc. (Agr.) course for the first time. They have a minimum value of $100 and a maximum value of $250 and are renewable from year to year, provided satisfactory academic standing is maintained. Three are reserved for students who are entering the third year of the course. Scholarships will be awarded on the basis of academic qualifications.

Application forms may be obtained from the Registrar, and all applications must be made before September 1st. Candidates are required to submit their complete High School record, their matriculation or school leaving marks, and a confidential letter from their school principal.

Macdonald College Bursaries. A limited number of bursaries are available for degree course students in the Faculty of Agriculture. These may be granted to students in any year of the course, but are intended primarily to assist deserving first-year students who might not be able to attend college without this assistance. The value varies from $50 to $100 according to circumstances, and they are renewable from year to year provided application is made in good time and the recipient's academic record justifies renewal.

Bursary holders may be required to undertake a certain amount of work for the College in return for their bursaries. The maximum number of hours any bursary holder may be asked to give is three hours a week throughout the session, or one hour for each dollar of his bursary, whichever may be smaller.

Applications for a bursary, and for renewal of a bursary, must be made to the Registrar, on forms provided, before September 1st each year.

Q.W.I. Abbotsford Branch Bursary. The Abbotsford, P.Q. Branch of the Quebec Women's Institutes offers a bursary of $25 to any student from Abbotsford who is accepted at Macdonald College in any faculty or school.

Borden Company Limited Scholarship. A scholarship valued at $200 is offered by the Borden Company Limited of Canada to encourage promising students who take a course of study of value to the dairy industry. The award will be made to a student on completion of his third year, half payable at the beginning of the first term of the fourth year, the balance at the beginning of the second term. The following factors will be considered in making the award: high standing in the subjects of his course during the third year with emphasis on dairying, dairy chemistry, or dairy bacteriology; participation in student organizations and college activities; co-operation with students and staff in the advancement of the interests of the student body and the College as a whole.

Applications should be addressed to the Registrar before August 15th.

Daughters of the Empire Scholarship. As a recognition of the value of agricultural education in their Province and Country, the Imperial Order of the Daughters of the Empire, Quebec Provincial Chapter, gives a scholarship of $200, tenable during the third and fourth years of the B.Sc. (Agr.) course, to the Canadian student who obtains the highest marks in the final examinations of the second year. The scholarship is payable to the winning student in two instalments of $100 each at the beginning of his third and fourth years respectively.

James Rist Gorham Memorial Scholarship. A scholarship of $100 established by the late W. M. Gammon in memory of his friend, James Rist Gorham, B.Sc. (Agr.), killed in action March 17th, 1942. The scholarship will be granted to the student in the General Agriculture option who ranks first in the final examinations of the third year.

Nova Scotia College of Agriculture Scholarship. Macdonald College offers a scholarship of a minimum value of $100 to the student of the Nova Scotia College of Agriculture obtaining the highest standing in the work of the Second Year of the degree course in that College.

Robert Raynauld Prizes. Two prizes, of $60 and $40 respectively, are offered by *La Ferme*, a monthly farm magazine published in Montreal,

the publisher of which is Robert Raynauld, M.S.A. '28. The prizes are awarded to the students majoring in Agronomy who rank first and second in Agronomy 42—Project. The decision will be based on both the written and oral presentation.

Chemical Institute of Canada Prize. The Chemical Institute of Canada offers a prize of books to the value of $25 to the student in the Chemistry Option with the highest standing at the end of the third year.

Lochhead Memorial Prize. In memory of her late husband, William Lochhead, B.A., M.Sc., the first Professor of Biology in Macdonald College, Mrs. Lochhead has established by an endowment of $400, a prize to be awarded to the student, majoring in Entomology, who takes the highest standing in the fourth year, the prize, in value equal to the proceeds of the endowment for one year, to be in books selected by the winner with the approval of the Head of the Department of Entomology.

Governor General's Medal. His Excellency the Governor General of Canada donates a bronze medal to be awarded to the second year student who ranks highest in General Proficiency in first and second year work.

Lieutenant-Governor's Medal. His Honor the Lieutenant-Governor of the Province of Quebec gives annually a silver medal, which is awarded to the student who takes the highest standing in General Proficiency in the first year of the B.Sc. (Agr.) course.

Stern Cup. Sir Edward D. Stern, Fan Court, Chertsey, Surrey, England, has donated a silver challenge cup, which is held for one year by the student who makes the highest aggregate in Stock Judging in the final year of the subject.

Cutler Shield. Mr. Garnet H. Cutler, Professor of Agronomy, Purdue University, Lafayette, Indiana, the first lecturer in Cereal Husbandry, Macdonald College, has donated a bronze challenge shield, which is held for one year by the student majoring in Agronomy, who makes the highest aggregate in the final year.

Conklin Trophy. Dr. Raymond L. Conklin has donated a trophy to be held for one year by a student in any year of the degree course who obtains the highest percentage of total marks and who, during the same year, has won a place on the College Rugby team and on one other team sport. The winner's name will be engraved on a shield on the trophy which will be awarded only once to any individual.

Janet Morison Robb Bursary for Women. See page 4644.

General University Scholarships. See page 4638.

Note:—No prize will be awarded to any student in any of the classes whose percentage of marks is below seventy, unless by special action of the Faculty.

GRADUATE SCHOLARSHIPS

Walter M. Stewart Scholarship. Two scholarships of $500 each are offered graduate students at Macdonald College. One may be held by a graduate student whose undergraduate work was taken at the Institut Agricole d'Oka, one by a student from Ste. Anne de la Pocatiere. Application for these scholarships must be made to the Directors of the two colleges mentioned.

C.I.L. Fellowship. Canadian Industries Limited offer a Fellowship of a value of $900 to a student engaged in graduate work at Macdonald College. The Fellowship is open to any British subject who is a graduate of a recognized university, and the chosen candidate may be registered in any department provided his research is concerned with some phase of the use of chemicals in agriculture. At the close of the academic year a full written report of all work performed under the Fellowship shall be submitted to Canadian Industries Limited.

Each award shall be for one academic year but, in the event that a Fellow shows by his progress and application that such a course is desirable, the Fellowship may be re-awarded to the same person for a further term of one year.

Applications, addressed to the Registrar, must be made before May 15th each year.

Alumni Scholarships. Two scholarships, valued at $200 and $150 respectively, are offered to graduates of Macdonald College who wish to undertake graduate work, either at Macdonald College or at any other recognized institution. The first is restricted to graduates in Agriculture; the second is open to graduates in Agriculture or in Household Science, Both are tenable for one year but may be renewed under special circumstances.

Applications should be directed to the Secretary of the Macdonald Branch of the McGill Graduates Society, Macdonald College, P.Q., before October 1.

DIPLOMA COURSE

Fisher Trust Fund. In memory of the late Honourable Sydney A. Fisher, formerly Member of Parliament for Brome County and Minister of Agriculture, Canada, two agricultural scholarships of $75 a year each tenable at Macdonald College for two years are offered, for the Diploma Course in Agriculture, on the following conditions:—

1. The candidates must be sons of farmers in the County of Brome, co-operating in farm activities during the period of their college course.

2. The candidates must be at least sixteen years of age.

3. The candidates must have passed at least grade IX of the High School course.

4. These scholarships will be continued from term to term only upon favourable reports from the Dean of the Faculty of Agriculture.

Applications must be sent, on or before the 1st of October, to the Chairman of the Fisher Trustees, R. F. Cowan, Mansonville, Que.

Q.W.I. Bursary. The Quebec Women's Institute provides a bursary of $50 to the student entering the second year of the Diploma Course, who:—

(1) Is a professional farmer's son, (or daughter) from the Province of Quebec.

(2) Has spent at least one season (seed time to harvest) in his father's employ on the farm.

(3) Intends to return to his father's farm for at least one year on completion of his course (or to manage his own farm).

(4) And who, if more than one candidate presents himself as fulfilling the above three requirements, takes the highest proficiency in agricultural subjects in the first year or, if he is the only candidate, obtains at least class II standing in these subjects.

If no student can qualify for the above, this bursary will be made available as an entrance bursary to the first year of the Diploma Course.

Q.W.I. Abbotsford Branch Bursary. See page 4633.

Kiwanis Club Bursaries. The Kiwanis Club of Montreal offers five bursaries of $100 each for students entering the first year of the Diploma Course. Special consideration will be given to applications from members of calf clubs in their home districts. The bursaries are restricted to students from the Montreal area, which includes calf clubs at Huntingdon, Ormstown, Howick, Cowansville, Lachute, and Arundel.

Applications must reach the Registrar not later than October 1st, and must be accompanied by a letter of recommendation from the applicant's school principal, calf club leader, or agricultural representative.

La Ferme Prize. Robert Raynauld, M.S.A., Editor of *La Ferme* magazine, offers a prize of $25 for competition among students of the second year of the Diploma Course who come from farm homes and who intend to return to farming after graduation. The prize will be awarded to the eligible student who presents the best project.

Canadian Feed Manufacturers' Association Prize. A prize of $25 awarded to the student in the Livestock Farming Group of the Diploma Course who presents the best project.

Lieutenant-Governor's Medal. His Honour the Lieutenant-Governor of the Province of Quebec, gives annually a bronze medal, which is awarded to the student who takes the highest percentage in General Proficiency in the First Year of the Diploma Course.

Minister of Agriculture's Medals. The Honourable the Minister of Agriculture of the Province of Quebec offers annually two bronze medals in connection with the Diploma Course, Second Year Class, to be presented to the students ranking first in the Dairy Farming and in the Fruit Farming Groups respectively.

B.Sc. (H.Ec.) COURSE

His Honour the Lieutenant-Governor of the Province of Quebec donates two medals:

(1) *A silver medal*, to be awarded to the student who ranks highest in the third year of the B.Sc. (H.Ec.) Course.

(2) *A bronze medal*, to be awarded to the student who ranks highest in the second year of the B.Sc. (H.Ec.) Course.

Frederica Campbell Macfarlane Scholarship. A scholarship has been donated by the Quebec Women's Institute in memory of the late Frederica Campbell Macfarlane, graduate in Institution Administration, 1912, Superintendent of the Quebec Women's Institute from 1913 to 1919. This scholarship, valued at $50, is open only to students from a rural district of the Province of Quebec, and is awarded on the results of the final examinations in any one of the first three years of the B.Sc. (H.Ec.) Course.

Mrs. Alfred Watt Memorial Scholarship. A Scholarship has been established by the Quebec Women's Institutes as a memorial to a distinguished Canadian, Mrs. Alfred Watt, M.B.E., who introduced the idea of Women's

Institutes in England and Wales and was President of the Associated Country Women of the World from 1930 to 1947. This scholarship, valued at $50 annually, is awarded to a student from rural Quebec in the second, third or fourth year of the B.Sc. (H.Ec.) course who shows qualities of leadership and is worthy of financial encouragement to complete her course.

I.O.D.E. Bursary. The Imperial Order Daughters of the Empire offers a bursary of $200 to a Canadian student who has successfully completed the second year of the B.Sc. (H.Ec.) course and has obtained satisfactory standing. The bursary is offered to aid a worthy student who is in need of financial assistance in order to complete her studies. It is payable in two equal instalments at the begnining of the third and the fourth years of the course. Other considerations being equal, preference will be given to a candidate from rural Quebec. Application must be made to the Registrar before September 1st, on forms supplied by the College.

The Verdun Women's Club Harriet Morris Memorial Bursary. This bursary of $100 is tenable for one year and is awarded annually by the Verdun Women's Club in memory of the co-founder of the Club, Harriet Morris, to a student who has completed Grade XI in the Verdun High School and who plans to enter the Macdonald College School for Teachers. The award is based on academic record, character, and financial need. Preference is given to girl students.

Canadian Home Economics Association Bursary. The Montreal Branch of the Canadian Home Economics Association offers a bursary of $75 to a deserving student on completion of the third year of the B.Sc. (H.Ec.) course. Application for this bursary must be made to the Registrar before September 1st. The award will be paid at the beginning of the fourth year.

Q.W.I. Abbotsford Branch Bursary. See page 4633.

UNIVERSITY SCHOLARSHIPS

Students at Macdonald College are eligible to apply for the following University scholarships and bursaries. Applications are to be sent to The Registrar, McGill University, Montreal 2, Que., before July 1st, unless otherwise stated.

Morris W. Wilson Memorial Scholarships. Established by contributions from a large number of intimate friends and business associates of the late Morris W. Wilson as a memorial to a distinguished citizen who, among his many public activities, rendered distinguished service to the cause of education, and who, at the time of his death, occupied the office of Chancellor of McGill University. The creation of the fund marks the

culmination of a hope long cherished by Mr. Wilson, that of supplying the means whereby young Canadian boys and girls of outstanding ability and promise, but in poor financial circumstances, might obtain the benefits of a university education. It is hoped that this fund may be the means of assisting many deserving young Canadians, particularly those from rural areas, to become better equipped to perform the duties of citizenship and so more effectively to apply their abilities to the general development and welfare of the country.

These Scholarships are open on equal terms to men and women of Canadian parentage, now resident in Canada, and are open only to students who wish to enter the Faculty of Arts and Science, the Faculty of Engineering, or the degree course in Agriculture at Macdonald College. Each Scholarship covers the full tuition fee of the student, as well as the cost of board and residence at Douglas Hall, the Royal Victoria College, or Macdonald College, for the full period necessary to enable the student to obtain his degree. The holder will normally forfeit the Scholarship if, during his course, he fails to maintain academic standing satisfactory to the Selection Committee.

Ottawa Valley Graduates' Society Bursary of the value of $75. This bursary is given through the Ottawa Valley Branch of the Graduates' Society. The winner is selected by the University from candidates who have written (1) The McGill School Certificate Examination or (2) The Quebec Catholic or Protestant High School Leaving Examination or (3) The Ontario Middle School Examination or (4) The McGill Senior School Certificate or (5) The Ontario Upper School Examination.

Applications must reach the Registrar's Office, McGill University, before September 1st.

Isabella C. MacRae Scholarship. This scholarship of $150 is open to residents of Maxville, Ont., who have satisfied the requirements for entrance to McGill University. Should there be no successful applicants from this locality for six years, the scholarship will subsequently be open to any resident in Ontario.

Christie-Storer Scholarship. A scholarship of the value of $150, endowed by the above-named Chapter of the I.O.D.E. in memory of the men of St. Lambert who fell in the Great War, 1914-18, is awarded annually to the pupil residing in St. Lambert who stands highest in the June High School Leaving examination each year at the Chambly County High School.

B'nai B'rith Bursaries. Three bursaries of $100 each have been given by the Mount Royal Lodge of B'Nai B'rith. These bursaries are open

to men and women students in any faculty. Need and scholarship will determine the award. Applications in writing must reach the Registrar's Office, McGill University, before the end of August.

B'nai B'rith Hillel Foundation Bursary. This Bursary of $200, established by the B'nai B'rith Hillel Foundation of McGill University, is awarded by the University Scholarships Committee to a deserving student, irrespective of race, colour, or creed, in any faculty, preference being given to a student returning from service in the armed forces.

Frederick Southam Ker Bursary. This bursary was established in 1941 by the late F. N. Southam in memory of his grandson, Frederick Southam Ker, who was killed in action on September 6th, 1940. This bursary of $175 is open on equal terms to men and women of all faculties without respect to religion or race. It is awarded to a student who gives promise of becoming a good citizen but is handicapped in his or her academic course by lack of funds. Financial need, character, and academic record are all taken into account in making the award.

Khaki University and Y.M.C.A. Memorial Scholarship Fund. The interest on this fund is awarded in scholarships by the Scholarships Committee subject to the following conditions:

1. That the scholarships may be held by undergraduates only;
2. that preference be given to sons and daughters of soldiers:
   (a) who served in the war of 1914-18
   (b) who served in the war of 1939-45.

Leonard Foundation Scholarships. The Leonard Foundation created in 1916 by the late Colonel Reuben Wells Leonard and Mrs. Leonard offers each year a number of scholarships tenable at schools, colleges. and universities in Canada, approved by the Foundation.

The scholarships are open to men and women. A student to be eligible must be "a British subject, of the white race, of the Christian Religion in its Protestant form, and of the full age of fourteen years".

The amount of the award will vary with the need of the winner.

Sons and daughters of the following are given preference in the selection of scholars:

(a) Clergymen, (b) School Teachers, (c) Officers, Non-Commissioned Officers and Men, whether active or retired, of His Majesty's naval, military, or air forces, (d) Graduates of the Royal Military College, (e) Members of the Engineering Institute of Canada, (f) Members of the Mining and Metallurgical Institute of Canada.

Men and women returning from active service are also given preference over the non-preferred class.

The University is willing to endorse and forward with its recommendation applications of any candidates who may wish to apply through the University and are approved by it.

Such candidates must make their applications on forms to be obtained from the Registrar's Office, McGill University, and must return these to the Registrar before January 1st.

HOMEMAKER COURSE

His Excellency the Governor-General of Canada, donates a bronze medal to be awarded to the Homemaker student who ranks highest in General Proficiency.

The Montreal Local Council of Women donates a prize in books to the value of $10 to be awarded to the student or students of the Homemaker Course showing outstanding ability in practical subjects.

Janet Morison Robb Bursary for Women. See page 4644.

Q.W.I. Abbotsford Branch Bursary. See page 4633.

SCHOOL FOR TEACHERS

Prizes and Medals

GENERAL

Governor-General's Bronze Medal, presented by His Excellency the Governor-General of Canada. Awarded to the teacher-in-training with the highest standing in the Art of Teaching, whether in the Elementary Class, the Kindergarten Class, or the Intermediate Class.

Gardner Kneeland Memorial Prize in English, established by an endowment of $200, by the late Professor A. W. Kneeland, M.A., B.C.L., in memory of his father. Awarded to the teacher-in-training with the highest standing in English.

Frances Willard Women's Christian Temperance Union Prize in Physiology and Hygiene, presented by The Frances Willard Women's Christian Temperance Union, Westmount, Que. Awarded to the teacher-in-training with the highest standing in Physiology and Hygiene.

A. Kirk Cameron Prize in Primary Methods, presented by A. Kirk Cameron, a member of the Council of Education. Awarded to the teacher-in-training with the highest standing in Primary Methods.

Dr. S. P. Robins Memorial Prize, established by an endowment of $500, by Miss Lilian B. Robins, B.A., former lecturer in Mathematics, School for Teachers, Macdonald College, in memory of her father, who was first Professor of Mathematics, 1857 and, later, Principal of McGill Normal School, Montreal, until 1907. The income from the endowment for one year will be awarded to the student who obtains a diploma, and is the most deserving student from the point of view of personality, professional attainments, and home circumstances.

R. D. A. Teachers' Association Prize. A prize in books offered by the Richmond-Drummond-Arthabaska Protestant Teachers' Association to the teacher-in-training from the R.D.A. area with the highest academic standing.

Q.W.I. Abbotsford Branch Bursary. See page 4633.

Note:—Prizes are awarded only to students who obtain diplomas in the specified class.

KINDERGARTEN CLASS

Canon Scott Chapter, I.O.D.E., Prize. Awarded to the teacher-in-training with the highest aggregate in the Kindergarten Class.

INTERMEDIATE CLASS

Prince of Wales Medal. Awarded to the teacher-in-training with the highest aggregate in the Intermediate Class.

J. C. Wilson Prize. Awarded to the teacher-in-training with the highest aggregate in the Intermediate Class.

Director of Protestant Education's Prize. Awarded to the teacher-in-training with the second highest aggregate in the Intermediate Class.

Lieutenant-Governor's Silver Medal in Mathematics, presented by His Honour the Lieutenant-Governor of the Province of Quebec. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in Mathematics.

Director of Protestant Education's Prize in French. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in French.

Le Comité de l'Alliance Française de Montréal Silver Medal. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in French.

Bishop of Montreal's Prize in Scripture. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in Scripture.

Association of Protestant Women Teachers of Montreal Prize in Education. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in School Management and Principles of Education.

Milton Hersey Prize in Science, established by an endowment of $250 by Milton L. Hersey, M.A.Sc., LL.D., formerly a member of the Council of Education. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in Science.

ELEMENTARY CLASS

J. C. Wilson Prize. Awarded to the teacher-in-training with the highest aggregate in the Elementary Class.

The Honourable Jacob Nicol's Prize, presented by The Honourable Jacob Nicol, K.C., M.L.C., D.C.L., formerly a member of the Council of Education. Awarded to the teacher-in-training with the second highest aggregate in the Elementary Class.

Lieutenant-Governor's Bronze Medal in Mathematics, presented by His Honour the Lieutenant-Governor of the Province of Quebec. Awarded to the teacher-in-training in the Elementary Class with the highest standing in Mathematics.

Le Comité de l'Alliance Française de Montréal Bronze Medal. Awarded to the teacher-in-training in the Elementary Class with the highest standing in French.

Bishop of Montreal's Prize in Scripture. Awarded to the teacher-in-training in the Elementary Class with the highest standing in Scripture.

Milton Hersey Prize in Science, established by an endowment of $250 by Milton L. Hersey, M.A.Sc., LL.D., formerly a member of the Council of Education. Awarded to the teacher-in-training in the Elementary Class with the highest standing in Science.

SCHOLARSHIPS

Sarah Emma Hill Scholarship. The Sarah Emma Hill Scholarship, endowed by the late Mrs. Sarah Emma Hill, of Stanstead, Que., of the present value of about $100, will be awarded each year to a student in the School for Teachers "where assistance is required,—this money to be used by the Trustees of Macdonald College according to their best judgment."

Candidates for this scholarship are requested to make written application to the Director of the School for Teachers, on or before September 30th, giving full particulars of the grounds upon which their applications are based, and to provide letters supporting their claims from two responsible persons.

In making the award, consideration will be given to scholarship and professional ability.

Ella Bryson Scholarship. This scholarship was bequeathed by the late Miss Ella Bryson of Fort Coulonge, Que., to the Women's Institute of Fort Coulonge, the income from which is to be used as a scholarship at Macdonald College for a student from the Fort Coulonge Protestant School taking a course in the School for Teachers. Candidates for this Scholarship are requested to make application to the Director of the School for Teachers on or before September 30th each year, and must be supported by recommendation from the Women's Institute of Fort Coulonge.

The Macdonald Teachers' Alumni Association Scholarship is valued at $75, and is awarded to the person deemed to be the best all round student. Selection of the winner is made by the Director of the School for Teachers and the President of the Alumni Association. The scholarship *must* be used to further the winner's educational studies, and will be held in trust for the winner for a period of not more than five years.

When circumstances permit, two scholarships will be offered in the same year.

I.O.D.E. Bursary. The Municipal Chapter of Montreal Imperial Order Daughters of the Empire awards annually a bursary of $350 in the School for Teachers. This bursary is open to all girls of the High Schools in the municipality of Montreal and vicinity, including Lachine, Longueuil and St. Lambert, and will be awarded by a committee of selection chosen by the Order. Application forms can be obtained from the Principals of the High Schools concerned, or from the Educational Secretary of the Municipal Chapter of Montreal Imperial Order Daughters of the Empire—Mrs. Milton Eaton, 41 Ninth St., Shawinigan Falls, Que.

OPEN TO ALL WOMEN STUDENTS

Janet Morison Robb Bursary for Women. This bursary was established, by an endowment of $2,000, by the late Honourable James A. Robb, formerly Member of Parliament for Chateauguay-Huntingdon and Minister of Finance, Canada, in memory of his deceased daughter, Janet Morison Robb, wife of Hugh Harvie Donald. The annual bursary will be the income from the endowment for one year.

Preference will be given to women students resident in either of the counties of Chateauguay-Huntingdon, or Beauharnois, who are daughters

of widowed mothers of limited or moderate means, or daughters of widowers in similar financial circumstances, or daughters of disabled Canadian soldiers who have seen active service.

Candidates for this bursary are requested to make written application, addressed to the Registrar, Macdonald College, Que., *on or before 15th April*, giving full particulars of the grounds upon which their applications are based, and to provide letters from two responsible persons in support of their claims.

THE MACDONALD COLLEGE LIBRARY

The library and reading room are centrally located in the Main Building, occupying the ground floor of an annex leading off the main hall. Seventy-six readers can be accommodated in the reading room, and in a series of alcoves there are reference works and text-books on the work of the various departments.

The present stack-room has accommodation for about 25,000 volumes, and the choice of books has been directed towards bringing together the best of modern literature on subjects of the curriculum of the College.

The *Walter M. Stewart Collection* includes biography, history, travel, science, etc. This collection has been purchased with sums of money given by Walter M. Stewart, of Montreal.

MACDONALD COLLEGE EXTENSION SERVICES

Departmental Services: — The services of the various departments of Macdonald College are always available for the advancement of the agricultural and home interests of the Province of Quebec. Personal interviews at the College and correspondence are invited.

Adult Education Service: — The College functions through the Adult Education Service in providing an extension programme primarily for rural residents. The service consists of:

Information Centre—This library of programme materials, books, pamphlets, films, study outlines, etc., welcomes requests for help and advice from all kinds of community organizations, as well as from individuals.

Handicraft Department offers instruction to regular day students and also conducts evening classes in weaving, leatherwork, and woodwork. Instructors in the department are available for short courses away from the College as time permits.

McLennan Travelling Libraries, McGill University, offer a library service to schools and community organizations. Boxes of fifty books are loaned for four months at a moderate charge. A bookmobile serves communities south of the St. Lawrence River on a monthly schedule.

Macdonald Farm Journal, a monthly publication for English-speaking farmers dealing with matters of agricultural interest in popular articles, written by members of Macdonald College staff and other contributors.

Evening Courses in a wide variety of subjects including home and landscaping gardening, public speaking, dressmaking, music, etc., are offered to adult citizens within travelling distance of Macdonald College during the fall and winter term.

The College also co-operates with the following separate organizations:

Farm Forums—a programme among farmers and other residents of rural areas using radio and group discussion to study problems of agriculture and the rural community. This programme also includes regular meetings each month and county rallies in the spring and fall where plans are made for farm organization and betterment of conditions of rural living. The office of the Quebec Council of Farm Forums is situated in the College and invites visits or inquiries.

Community Schools—Through the Quebec Council of Community Programmes the College supervises and assists adult night schools in a number of English-speaking centres of the province. Courses are offered in a wide variety of subjects ranging from agriculture, cooking, sewing, and handicrafts to public speaking, dramatics, and French conversaton.

For further information about these activities, write to the Adult Education Service, Macdonald College, P.Q.

Farm Day: — The annual rally of the Farm Forums of Quebec held in June each year is open to all members of the forums and friends of the college. Special tours of the College departments and the farm are arranged. Visitors are welcome.

Visits to the College from individuals or groups with a common interest in the farm, the home, or the school, are always welcomed. However, in view of the present large registration and the somewhat limited facilities, it is often regrettably necessary to curtail visits at times when the student population is largest.

Groups of fifteen or more requiring meals and/or rooms are asked to give two weeks' advance notice and to confirm the numbers in the group not later than three days before arrival. All requests for visiting privileges should be addressed to The Secretary, Macdonald College, P.Q., who will be pleased to quote rates for meals and rooms, if required.

HANDICRAFTS

Macdonald College offers an eight-months course in general handicrafts, which gives theoretical and practical training in a variety of arts and crafts.

Weaving and leather-working are the main divisions of the course. In the weaving portion, once the fundamentals of using the various types of loom have been mastered, the students are given the opportunity of designing special patterns, which they then weave into cloth for making such articles as tablecloths, luncheon sets, skirt material, etc. Belts, lampshades, and tartan scarves are but a few of the other items which are woven during the course.

In leather-working, all designs are again original, from the simplest change purse to elaborately carved book covers or desk sets. Although most attention is paid to these two crafts, instruction is also given in creative crafts, metal-working, wood-working, whittling, and lino-block printing.

On completion of the course the student is equipped to teach handicrafts in hospitals, recreation centres, summer camps, etc., and it is also a splendid course for art teachers in public schools. Many graduates are now employed in this type of work; others are operating their own studios or workshops in all parts of Canada.

Junior Matriculation or its equivalent is required for admission. For full information and an application form write to the Handicrafts Department, Macdonald College, P.Q.

4648

Subject to change

Approximate Costs of Courses at Macdonald College, Applying to Sons and Daughters of Farmers of the Province of Quebec, of the Ottawa Valley in Ontario, and of the Maritime Provinces

Courses	Consolidated fee	Student activities		Room and Board	Text-books, materials, etc. (est.)	Total per session (a) (estimated)		Less (b)	Less (c)	Net Cost per Session (estimated)	
		Men	Women			Men	Women			Men	Women
Diploma	20.00	11.55	12.00	250.00	20.00	301.55	302.00	75.00	10.00	216.55	217.00
B.Sc. (Agr.)	150.00	17.00	12.00	355.00	30.00	552.00	547.00	105.00	15.00	432.00	442.00
B.Sc. (H.Ec.)	175.00	—	12.00	355.00	50.00	—	592.00	—	—	—	—
Homemaker	25.00	—	12.00	450.00	50.00	—	812.00	—	—	—	—
School for Teachers	50.00	13.35	12.00	460.00	45.00	568.35	567.00	—	15.00	553.35	567.00
Agriculture Specialist Course	150.00	13.35	12.00	460.00	45.00	668.35	667.00	—	15.00	653.35	667.00
Handicrafts	360.00	10.00	10.00	400.00	—	770.00	770.00	—	—	—	—

(a) *Purely personal expenditures*, including laundry, uniforms of women students, gymnasium costumes, etc., *are not included* in these figures.

(b) Provincial Government Grant of $15.00 per month of attendance to students of the Province of Quebec. In the case of Graduate students, only bona fide students who give full time to their studies are eligible for the grant.

(c) Special bursary for sons of farmers of the Province of Quebec, of the Ottawa Valley in Ontario, and the Maritime Provinces, awarded to qualified candidates on application supported by references from the local agronome, agricultural representative or similar official.

Subject to change

Approximate Costs of Courses at Macdonald College, Applying to Students who are not Sons or Daughters of Farmers

Courses	Consolidated fee	Student activities		Room and Board	Textbooks, Materials, etc. (est.)	Total for Session (a) (estimated)		Less (b)	Net Cost per Session (estimated)	
		Men	Women			Men	Women		Men	Women
Diploma	100.00	11.55	12.00	250.00	20.00	381.55	382.00	75.00	306.55	307.00
B.Sc. (Agr.)	150.00	17.00	12.00	355.00	30.00	552.00	547.00	105.00	447.00	442.00
B.Sc. (H.Ec.)	175.00	—	12.00	355.00	50.00	—	592.00	—	—	—
Homemaker	300.00	—	12.00	450.00	50.00	—	812.00	—	—	—
School for Teachers	50.00	13.35	12.00	460.00	45.00	568.35	567.00	—	—	—
Agriculture Specialist Course	150.00	13.35	12.00	460.00	45.00	668.35	667.00	—	—	—
Handicrafts	360.00	10.00	10.00	400.00	—	770.00	770.00	—	—	—

(a) *Purely personal expenditures*, including laundry, uniforms of women students, gymnasium costumes, etc., *are not included* in these figures.
(b) Provincial Government Grant of $15.00 per month of attendance to students of the Province of Quebec. In the case of Graduate students, only bona fide students who give full time to their studies are eligible for the grant.

Subject to change.

APPLYING TO STUDENTS WHO ARE NOT SONS OR DAUGHTERS OF FARMERS.

APPROXIMATE COSTS OF COURSES AT MACDONALD COLLEGE.

Courses	Con-solidated fee	Student activities		Room and Board	Text-books, Mate-rials, etc. (est.)	Total for Session (a) (estimated)		Fees (b)	Net Cost per Session (estimated)	
		Men	Women			Men	Women		Men	Women
Diploma	100.00	11.55	12.00	250.00	20.00	381.55	382.00	75.00	306.55	307.00
B.Sc. (Agr.)	150.00	17.00	12.00	255.00	30.00	552.00	547.00	105.00	447.00	442.00
B.Sc. (H.Ec.)	175.00	13.00	12.00	255.00	50.00	743.00	742.00			
Homemaker	300.00	13.00	12.00	450.00	50.00	825.00	812.00			
School for Teachers	50.00	13.35	12.00	180.00	45.00	538.35	567.00			
Agriculture Specialist Course	150.00	13.35	12.00	360.00	45.00	678.35	697.00			
Handicrafts	360.00	10.00	10.00	400.00	—	770.00	770.00			

(a) Yearly personal expenses, including laundry, but not text-books, practising centres, etc., are not included in these figures.

(b) Provincial Government Grant of $75.00 per session to students of the Province of Quebec. In the case of Graduate students who give full time to their studies are only due for the year.

Military Training

CANADIAN OFFICERS TRAINING CORPS

McGILL UNIVERSITY CONTINGENT

GEN. THE HON. A. G. L. McNAUGHTON, C.H., C.B., C.M.G., D.S.O. *Honorary Colonel*
LT.-COL. J. M. MORRIS, M.C., V.D. *Honorary Lieutenant Colonel*
LT.-COL. D. W. McLEAN, M.C. *Commanding Officer*
MAJOR W. S. TYNDALE *Second-in-Command*
MAJOR H. A. STEFFLER *Officer Commanding Macdonald College Detachment*
MAJOR G. W. McKEE, R.C.A.S.C. *Resident Staff Officer*

1. GENERAL

The McGill University Contingent, C.O.T.C., is the oldest university unit for the training of army officers in North America, having been officially established on 1st November 1912. At present, its maximum authorized establishment is 11 officers and 201 officer cadets. Headquarters and mess are located in the Sir Arthur Currie Memorial Gymnasium-Armoury.

The purpose of the training it offers is to qualify a selected number of undergraduates for a commission in one of the corps of the Canadian Army (Active or Reserve Force). Applicants may choose the corps in which they wish to be commissioned, within limits set by the educational requirements of certain corps and by the number of vacancies available in each corps.

2. ELIGIBILITY

Any male student may apply provided that:

(a) He is a British subject, domiciled in Canada or intending to reside in Canada after graduation. Other British subjects may apply, but preference will be given to those resident in Canada.

(b) He is 17 years of age, and able to complete 2 years of training before reaching the age limit of the corps for which he is applying.

(c) He meets the physical requirements of the corps for which he is applying.

(d) He is registered as a Regular Undergraduate.

(e) He is able to complete two summers' training at an army training centre before graduation from the University unless he is certain that he is going to take graduate work.

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MAJOR W. S. TYNDALE — *Second-in-Command*
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All applicants will be required to state in their written application that they are willing to complete the minimum programme of training, if accepted, and are desirous of becoming commissioned officers in the Canadian Army (Active Force, Reserve Force, or Supplementary Reserve) upon qualification.

3. TRAINING

The training consists of:

(A) SUMMER (PRACTICAL) TRAINING

A minimum of two Practical Phases of training must be completed; a third Practical Phase is optional, but highly recommended. Each phase consists of up to 20 weeks' training during the summer at the training centre of the corps in which the applicant is enrolled. These centres are located throughout Canada from Valcartier, Quebec, to Victoria, B.C.

(B) WINTER (THEORETICAL) TRAINING

A minimum of two Theoretical Phases of training must be completed; a third Theoretical Phase is optional. This third Theoretical Phase is prerequisite to the third Practical Phase. The training consists of lecture-courses given on one night a week during the winter, as follows:

First Theoretical Phase (*First Winter*)

Introduction to the Army — 10 hours

Second Theoretical Phase (*Second Winter*)

Military Science — 40 hours

Third Theoretical Phase (*Third Winter*)

Military Science	10 hours
Military Geography	15 hours
Military History	15 hours
	40 hours

4. STATUS AND PAY

Applicants who are accepted are given the rank of Officer Cadet and the status of Second Lieutenant. The rate of pay for Officer Cadets during the Practical Phases of training in the summer is $170.00 a month. In addition board, quarters, medical care, and transportation to and from the training centre are provided free.

Officer Cadets receive $2.83 for each parade night attended during the winter up to a maximum of $90.56 (16 days' pay).

5. QUALIFICATION AND COMMISSIONING

Officer Cadets who complete the First and Second Practical and Theoretical Phases of training are qualified for the rank of Second Lieutenant in the Reserve Force. The completion of the Third Practical and Theoretical Phases as well qualifies an Officer Cadet as Lieutenant in the Reserve Force or Second Lieutenant in the Active Force.

When the necessary military training requirements have been completed, Officer Cadets may obtain a commission in the Reserve Force or the Supplementary Reserve. A commission in the Active Force is dependent on the acceptance of the applicant by army authorities.

6. INFORMATION, APPLICATION, AND SELECTION

Requests for further information and applications to join should be made at McGill to the Resident Staff Officer, C.O.T.C. Office, Sir Arthur Currie Memorial Gymnasium-Armoury, 475 Pine Avenue West, and at Macdonald College to Major H. A. Steppler, Associate Professor of Agronomy.

Applicants who satisfy the requirements listed in Section 2 will be asked to appear before the University C.O.T.C. Selection Board.

Information can also be supplied by the Resident Staff Officer about the programme under which university students may have their education costs and living expenses subsidized by the Department of National Defence, under the Regular Officer Training Plan (R.O.T.P.).

McGILL UNIVERSITY NAVAL TRAINING DIVISION

LIEUTENANT-COMMANDER V. M. HEAYBERD, R.C.N.(R).
Commanding Officer

University Naval Training Divisions have been established to provide a programme whereby the Canadian Navy can build up a reserve of trained commissioned officers of high calibre. The U.N.T.D. also provides one avenue of approach for young men wishing to make their career in the Naval Service. At present the U.N.T.D. administers locally the Regular Officers' Training Plan, by which selected candidates are sent to University at public expense. (Further details of R.O.T.P. on application.)

Students entering the U.N.T.D. remain on a probationary basis until January of the first winter, at which time a final selection is made. Normally, recruiting is limited to first and second year students, and ends before November.

REQUIREMENTS FOR COMMISSION

Cadets who finish the U.N.T.D. course of three winters and two summers (minimum) may receive an Acting Commission in the Royal Canadian Navy (Reserve). When a University degree is attained, the candidate may be confirmed in the rank of Sub-Lieutenant.

Winter training consists of instruction in H.M.C.S. Donnacona one evening per week. Summer training requires 14 weeks at either Halifax or Esquimalt, ashore and at sea in one of our ships.

Cadets' rate of pay is $170.00 monthly. Uniforms, transportation, and medical care are, of course, also provided.

NATURE OF TRAINING

Instruction is both theoretical and practical in nature. During the first year all Cadets undergo the same training. In subsequent years, the Cadet's instruction is kept as closely allied as possible to his University studies. Cadets are thus offered a choice of Branch in the Naval Service, in which they then specialize. Men of every faculty except Dentistry are eligible.

Shore-side training is augmented to the fullest extent possible by sea-time. In recent summers, our Cadets have visited such places as Gibraltar, Ireland, Southern France, California, Alaska, Hawaii, and Great Britain during the Coronation celebrations.

In addition, emphasis is placed on sports of all descriptions, with special stress, of course, on sailing.

The "Senior Service" will be pleased to answer all enquiries addressed to

Staff Officer, U.N.T.D.,
H.M.C.S. Donnacona,
1475 Drummond Street,
Montreal 2.
(PLateau 9022)

R.C.A.F. McGILL UNIVERSITY RESERVE SQUADRON

WING COMMANDER C. D. SOLIN — *Commanding Officer*

FLIGHT LIEUTENANT J. T. LLOYD — *Resident Staff Officer*

1. OBJECT

In recognition of the need for a well-trained reserve of Technical and Non-Technical personnel, the R.C.A.F. has established at the major universities throughout Canada Reserve Squadrons, which provide Air Force training for those undergraduates who are interested in this branch of the Service.

2. ELIGIBILITY

All students may apply subject to the following regulations:

(*a*) Applicants must be Canadian citizens or resident British subjects.

(*b*) Students must be in their first year of a four-year course or first or second year of a five-year course.

(*c*) They must be between the ages of 18 and 29.

(*d*) Applicants must meet R.C.A.F. medical standards.

(*e*) Preference will be given to unmarried students.

3. GENERAL TRAINING

Upon successfully fulfilling the above requirements the students are accepted into the Squadron, as officers with the rank of Flight Cadet. Training during the academic year consists of 64 hours of lectures during the winters. These lectures cover such subjects as Military Geography, Defence Economics, Air Force Technology, etc.

4. GROUNDCREW TRAINING

The major part of the first summer with the R.C.A.F. is spent at an R.C.A.F. Station, where all first year Flight Cadets from the Universities across Canada assemble for approximately 7 weeks of indoctrination training. Further training is then given in the following Officer branches of the R.C.A.F.:

(*a*) *Technical*
Aeronautical Engineering
Construction Engineering
Electronics
Armament

(*b*) *Non-Technical*
Accounts
Legal
Education
Chaplain
Physical Training
Supply
Flying Control

(*c*) *Aircrew*
Pilot
Navigator
Radio Officer

(*d*) *Medical*
Medical Officer
Medical Associate

5. AIRCREW TRAINING

Of those who are accepted into the Squadron each Fall, several members are selected for aircrew training. The requirements are similar to those previously mentioned with the following exceptions:

(*a*) They must have attained their 18th but not their 22nd birthday on commencement of training.

(*b*) They must be medically fit for full flying duties.

(*c*) They must be unmarried and remain single until completion of training.

6. PAY

Rates of pay are as follows:

Winters—16 days' pay for full attendance through winter training syllabus.

Summers—*Technical Training*—$170.00 per month.

Summers—*Aircrew Training*—$170.00 plus $30.00 per month flying pay.

Uniforms, transportation, board and accommodations, and medical and dental care are free.

7. APPLICATION FOR ENROLMENT

Students interested in obtaining further information are requested to apply to the R.C.A.F. Resident Staff Officer, Sir Arthur Currie Memorial Gymnasium.

Academic Dress

Undergraduates are entitled to wear a plain stuff gown, not longer than half way between knee and ankle, with round sleeves cut above elbow.

Bachelor of Arts—Black stuff gown, falling down below knee with full sleeve cut to elbow and terminating in a point (similar to that of the Cambridge B.A.); hood, black silk, lined with pale blue silk and edged with white fur.

Bachelor of Architecture—The same gown as Bachelors of Arts; hood, black silk, lined with white silk and edged with white fur.

Bachelor of Civil Law—The same gown as Bachelors of Arts; hood, black silk, lined with French grey silk and edged with white fur.

Bachelor of Commerce—The same gown as Bachelors of Arts; hood, black silk, lined with purple silk and edged with white fur.

Bachelor of Divinity—The same gown as Bachelors of Arts; hood, black silk, lined with violet silk and edged with white fur.

Bachelor of Engineering—The same gown as Bachelors of Arts; hood, black silk, lined with scarlet silk and edged with white fur.

Bachelor of Fine Arts—The same gown as Bachelors of Arts; hood, black silk, lined one half with pale blue silk and one half with white silk, divided vertically, the blue being on the wearer's right.

Bachelor of Household Science—The same gown as Bachelors of Arts; hood, black silk, lined with jade green silk and edged with white fur.

Bachelor of Library Science—The same gown as Bachelors of Arts; hood, black silk, lined with orange silk and edged with white fur.

Bachelor of Music—The same gown as Bachelors of Arts; hood, black silk, lined with pale mauve silk and edged with white fur.

Bachelor of Nursing—The same gown as Bachelors of Arts; hood, black silk, lined with dark blue silk and edged with white fur.

Bachelor of Science—The same gown as Bachelors of Arts; hood, black silk, lined with yellow silk and edged with white fur.

Bachelor of Science in Agriculture—The same gown as Bachelors of Arts; hood, black silk, lined with dark green silk and edged with white fur.

Bachelor of Science in Physical Education—The same gown as Bachelors of Arts; hood, black silk, lined with claret coloured silk and edged with white fur.

Master of Arts—Black gown of stuff or silk, falling below knee, with long sleeves with semi-circular cut at the bottom (similar to that of the Cambridge M.A.); hood, black silk, lined with pale blue silk.

Master of Architecture—The same gown as Masters of Arts; hood, black silk, lined with white silk.

Master of Commerce—The same gown as Masters of Arts; hood, black silk, lined with purple silk.

Master of Engineering—The same gown as Masters of Arts; hood, black silk, lined with scarlet silk.

Master of Laws—The same gown as Masters of Arts; hood black silk, lined with French grey silk.

Master of Sacred Theology—The same gown as Masters of Arts; hood, black silk lined with violet silk.

Master of Science—The same gown as Masters of Arts; hood, black silk, lined with yellow silk.

Master of Science (Applied)—The same gown as Masters of Arts; hood, black silk, lined one half with pale green silk and one half with yellow silk, divided vertically, the green being on the wearer's right.

Master of Social Work—The same gown as Masters of Arts; hood, black silk, lined with fuchsia silk.

Doctor of Civil Law—The same gown as Masters of Arts; hood, scarlet cloth, lined with French grey silk.

Doctor of Dental Surgery—The same gown as Masters of Arts; hood; scarlet cloth, lined with pink silk.

Doctor of Laws—The same gown as Masters of Arts; hood, scarlet cloth, lined with white silk.

Doctor of Letters—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale blue silk.

Doctor of Medicine and Master of Surgery—The same gown as Masters of Arts; hood, scarlet cloth, lined with dark blue silk.

Doctor of Music—The same gown as Masters of Arts; hood, scarlet cloth, lined with mauve silk.

Doctor of Philosophy—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale green silk.

Doctor of Science—The same gown as Masters of Arts; hood, scarlet cloth, lined with yellow silk.

Doctor of Science (Applied)—The same gown as Masters of Arts; hood, scarlet cloth, lined one half with pale green silk and one half with yellow silk, divided vertically, the green being on the wearer's right.

Doctors of Laws, Doctors of Civil Law, Doctors of Letters, Doctors of Science, Doctors of Philosophy, and Doctors of Music are entitled to wear for full dress a robe of scarlet cloth (similar in pattern to that of the Cambridge LL.D.) faced with silk of the same colour as the lining of their respective hoods.

All hoods are in pattern similar to that of the Masters of Arts of Cambridge University.

Undergraduates and graduates wear the ordinary black trencher with black tassel, but Doctors of Laws, Doctors of Civil Law, Doctors of Letters, Doctors of Science, Doctors of Philosophy, and Doctors of Music wear for full dress a black velvet hat with gold cord, similar to that worn by Doctors of Laws of Cambridge University.

Samples of the colours of the linings of all hoods are kept for inspection in the office of the Registrar.

McGill University

Montreal

Directory of Students

1952-1953

McGill University

Montreal

Directory of Students

1952-1953

DIRECTORY OF STUDENTS

TELEPHONE NUMBERS

Arts and Science Undergraduate Society, 690 Sherbrooke St. West--BE.1108
Athletics, Physical Education, and Recreation, 475 Pine Ave. West
Director: Vic F. Obeck----------MA.9181 Local 431
Athletics Manager: Hay Finlay---------- " " " 446
Book Store (University), 3480 University Street---------- " " " 400
Canadian Officers Training Corps, 475 Pine Avenue West---------BE.3304
Conservatorium of Music, 3450 Drummond Street-Secretary--------MA.9181 Local 482
Co-Operative Residence (Men Students), 3609 University Street--LA.6307
Diocesan College, 3473 University Street---------Office - MA.3004
Students - MA.4902
Divinity Hall, 3520 University Street - Students----------MA.9181 Local 371
Graduates' Society, 3574 University Street----------MA.9181 Local 463
Hillel Foundation, 3460 Stanley Street----------HA.9171

Macdonald College, Ste. Anne de Bellevue, Que. -
Administrative Offices----------Ste. Anne 335
Men's Residence----------Ste. Anne 9082 / Ste. Anne 9086
Women's Residence----------Ste. Anne 9008 / Ste. Anne 9095
Main Building Dormitory----------Ste. Anne 9003 / Ste. Anne 9088
Harrison House----------Ste. Anne 407

McGill Daily, 690 Sherbrooke Street West----------LA.2244
Editor-in-chief: David Grier----------LA.2244 & MA.1550
Advertising Manager: M.E. Heasley----------LA.2244
McGill Union, 690 Sherbrooke Street West----------LA.2244
President: James Robb----------LA.2246

McGill University Administrative Offices -
Principal----------MA.9181 Local 300
Comptroller---------- " " " 303
Bursar---------- " " " 401
Registrar's Office---------- " " " 479
Cashier---------- " " " 205
Superintendent of Buildings and Grounds--------- " " " 328

Faculties -
Arts and Science - Dean---------- " " " 206
" " " Assistant Dean---------- " " " 307
Dentistry - Dean---------- " " " 208
" Secretary---------- " " " 211
Divinity - 3520 University Street - Dean--------- " " " 293
Engineering - Dean---------- " " " 413
" Dean's Secretary---------- " " " 317
Graduate Studies and Research - Dean---------- " " " 319
Law, 3544 Peel Street - Dean---------- " " " 451
Medicine - Dean---------- " " " 311
" Secretary---------- " " " 207
Music - 3450 Drummond Street - Dean ---------- " " " 484
" " " " Secretary-------- " " " 482

Schools -
Architecture, 3484 University Street - Director- " " " 351
Commerce, 1020 Pine Avenue West - Director------ " " " 450
Graduate Nurses, 1266 Pine Avenue West-Director- " " " 485
Library, Redpath Library - Director---------- " " " 408
Physical Education, 475 Pine Avenue West-Director" " " 433
Physical & Occupational Therapy,
1266 Pine Avenue West - Director---------- " " " 472
Social Work, 3600 University Street - Director-- " "" " 277

McGill University Naval Training Division, 1475 Drummond Street,
- Staff Officer ----LA.8066
Newman House, 2049 McGill College Avenue----------BE.4088

Placement Service, 3574 University Street----------HA.6405
Presbyterian College, 3485 McTavish Street----------Office - PL.5754
Students - BE.0424
R.C.A.F. Reserve University Flight, 475 Pine Avenue West--------BE.1932
Residences (University) -

(Note - There are several students' telephones in most University residences. These telephones are not connected with the University switchboard. The number given below is in each case that of the main hall telephone or porter. If you do not know the correct number through which to reach a student directly, call the listed number for information.)

Douglas Hall of Residence (Men Students),3851 University St.-BE.0977
McLennan Hall (Women Students), 3480 Ontario Avenue----------PL.0044
Royal Victoria College (Women Students),555 Sherbrooke St.W.-BE.0675
Wilson Hall (Men Students), 3506 University Street----------BE.0624

Royal Victoria College, 555 Sherbrooke Street West -

Warden----------MA.9181 Local 234
Warden's Secretary---------- " " " 325
Porter---------- " " " 236
Students: See note under "Residences, University", above.

Student Christian Movement, 3625 Oxenden Avenue----------PL.1156

Student Health Service, 490 Pine Avenue West -

Men - (at any hour)----------HA.9682
Women - Day (9 A.M. to 5 P.M.) All students call:
R.V.C. Infirmary----------MA.9181 Local 420
Night (5 P.M. to 9 A.M.) -
Students in Residences call: R.V.C. Porter
(ask for Miss K. Bliss)-----MA.9194
Students not in Residences call: Dr. M.D. Mellor-WA.5560

Student House (I.V.C.F.), 3445 Peel Street----------HA.9462
Students' Executive Council, 690 Sherbrooke Street West---------LA.2244
President: Melvin Rothman----------LA.2247
Secretary-Treasurer: Ralph A. Shackell----------LA.2244
Tickets for Football and Hockey, Sir Arthur Currie Gymnasium----PL.4489
United Theological College, 3508 University Street - Students {BE.0752 / HA.4873

MEN'S FRATERNITIES

Alpha Delta Phi, 3478 McTavish Street----------PL. 7412
Alpha Kappa Kappa, 3466 McTavish Street----------LA. 9533
Delta Kappa Epsilon, 3653 University Street----------PL. 2073
Delta Sigma Phi, 3592 University Street----------PL. 2435
Delta Upsilon, 3434 McTavish Street----------PL. 4492
Kappa Alpha, 3605 University Street----------LA. 0643
Lambda Chi Alpha, 3511 University Street----------MA. 7527
Nu Sigma Nu, 545 Pine Avenue, West----------MA. 1545
Phi Delta Theta, 3581 University Street----------MA. 3842
Phi Epsilon Pi, 3430 McTavish Street----------HA. 8373
Phi Gamma Delta, 3421 Drummond Street----------LA. 0950
Phi Kappa Pi, 3647 University Street----------MA. 2806
Psi Upsilon, 3429 Peel Street----------PL. 7385
Sigma Chi, 3437 Peel Street----------PL. 1674
Tau Epsilon Phi, 1755 Ducharme Avenue----------AT. 5431
Theta Delta Chi, 3633 Oxenden Avenue----------LA. 6896
Zeta Beta Tau, 3483 Peel Street----------MA. 0932
Zeta Psi, 3637 University Street----------MA. 1736

WOMEN'S FRATERNITIES

Alpha Gamma Delta, 3495 Peel Street----------BE. 7866
Alpha Omicron Pi, 3560 University Street----------LA. 8318
Delta Gamma, 985 Sherbrooke Street West----------BE. 7388
Delta Phi Epsilon, 5039 Grosvenor Avenue----------EX. 6248
Gamma Phi Beta, 1019 Sherbrooke Street West----------LA. 8409
Kappa Alpha Theta, 3570 University Street----------MA. 4068
Kappa Kappa Gamma, 2055 Mansfield Street, Apt. 9 ----------HA. 7911
Sigma Delta Tau, 261 St. Catherine Road----------GR. 5904

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
A	
AARON WILLIAM SANVILLE 2065 MAPLEWOOD AVE MONTREAL QUE	B C L 3 RE 3 3123
AAVIK IMBI 3660 LORNE CRESENT APT 9 MONTREAL QUE	MED DIPL 2 HA 2409
AAYSI ABDUL W 1025 SHERBROOKE ST W MONTREAL QUE ADHAMIYA NASSAH BAGDAD IRAQ	M A 1 BE 0336
ABBOTT ALAN ST GEORGE 4 CRESSY RD MTL 31 EASTBERRY AVE NORTHWOOD ENG	B COM 2 BE 8045
ABBOTT ANTHONY CHISHOLM DOUGLAS HALL 383 STEWART ST OTTAWA ONT	B C L 1
ABBOTT DONALD PETER 228 BROCK AVE N MONTREAL WEST QUE	B COM 2 WA 4347
ABBOTT JOHN RICHARD 3422 STANLEY ST MTL 4232 N PAULINA ST CHICAGO ILL U S A	B A 2 MA 0526
ABBOTT SMITH HARRIET B 4765 ROSLYN AVE MONTREAL QUE	B SC 3 EL 2342
ABDALLA WILLIAM 7429 CHATEAUBRIAND AVE MONTREAL QUE	B COM 3 DO 6796
ABER AUDREY ANN 5005 COTE ST CATHERINE MONTREAL QUE	B A 1 EX 9950
ABER MURRAY 861 ROCKLAND AVE OUTREMONT QUE	B COM 1 CA 4361
ABOLS ANNA ALEXSANDRA 3910 BARCLAY AVE APT 6 MONTREAL QUE	PHYSIOTH 2
ABRAHAMS EDWARD JULIAN 4150 RIDGEVALE AVE MONTREAL QUE	D D S 4 EX 1292
ABRAMOVITCH HENRY 5263 WAVERLY ST MONTREAL QUE	MD CM 1 CR 3946
ABRAMOWITZ DAVID KEITH 4574 DRAPER AVE N D G MONTREAL QUE	B COM 1 EL 3722
ABRAMS DAVID SEYMOUR 906 WILDER AVE MONTREAL QUE	B A 2 AT 5934
ABRAMSON STEPHEN DAVID 2603 SOISSONS AVE MONTREAL QUE	B SC 2 AT 1688
ACER ANTHONY MOISAN 510 VICTORIA AVE WESTMOUNT QUE	B ENG 1 DE 6141
ACHTMAN JOE 4007 DE LA PELTRIE MONTREAL QUE	B ENG 1 EX 2433
ACKMAN MOE 4243 CLARKE ST MONTREAL QUE	B C L 2 HA 7640
ACOTT BERNICE GRACE 1005 GORDON AVE VERDUN QUE	B SC 3 YO 7695
ADAIR HEATHER 4085 MADISON AVE N D G MONTREAL QUE	B SC P ED 3 EL 0804
ADAIR HEATHER MARY 4804 WESTMORE ST N D G MONTREAL QUE	B A 1 DE 1914
ADAMEK STEPHEN 3621 OXENDEN AVE MTL 69 SHAVER AVE N ISLINGTON ONT	PH D 3
ADAMS BRUCE ARNOLD 1563 MCGREGOR AVE MONTREAL QUE	B ENG 1 WE 0569
ADAMS CHARLES FITZGERALD 3581 HUTCHISON MTL 141 5 W CORNWALL ONT	B ENG CIV 4 HA 5807
ADAMS CHARLES JOSEPH 4685 WESTMOUNT AVE WESTMOUNT QUE 713 OMAR AVE HOUSTON 9 TEXAS U S A	PARTIAL 0 EL 5693
ADAMS GEORGE B 10 ROSEMOUNT AVE WESTMOUNT QUE 1445 BEAUMONT SALEM OREGON U S A	MD CM 1 WE 5537
ADAMS GLENN NELSON 5441 GROVE HILL PLACE MONTREAL 28 QUE	PH D 4 EL 3461
ADAMS GORDON ROBERT 678 STUART AVE OUTREMONT QUE	B ENG 1 CR 5053
ADAMS JAMES ROBERT 1700 MCGREGOR ST MONTREAL QUE	MD CM 3 WI 0613
ADAMS JOHN DAVID VESSOT 3485 MCTAVISH ST MTL 2 BOX 1 R R 1 WESTBORO OTTAWA ONT	B ENG EL 3 MA 0141
ADAMS KENNETH DUNBAR 2005 MANSFIELD ST APT 14 MONTREAL QUE	L MUS 2 LA 0012
ADAMS LILLIAN GEORGINA ROYAL VICTORIA COLLEGE OSTREA LAKE HALIFAX CO N S	B SC P ED 2
ADAMS SHERMAN MORELAND STE ANNES HOSPITAL STE ANNE DE BELLEVUE QUE	B SC 2 569
ADAMS WILLIAM EVERETT BURLINGTON VERMONT U S A	PH D 4
ADDIE GEORGE GORDON DIOCESAN THEOLOGICAL COL 83 MAPLE AVE QUEBEC CITY QUE	B SC 1 MA 3004
ADDISON JOHN RUNDLE 1530 BERNARD AVE APT 4 OUTREMONT QUE	B SC 2 CA 5813
ADELES DIANNE 5714 DARLINGTON AVE APT 9 MONTREAL QUE	B SC 2 AT 1967
ADELSON IRWIN 3190 KENT AVE MONTREAL QUE	B COM 4 EX 8140
ADESSKY HERMAN 5443 JEANNE MANCE ST APT 2 MONTREAL QUE	B ENG 1
ADESSKY IRVING LOUIS 5443 JEANNE MANCE ST APT 2 MONTREAL QUE	B C L 3 CA 2114
AGYEMAN HENRY OSEI A DOUGLAS HALL 1 182 KUMASI GOLD COAST W AFRICA	B A 4
AHARA ANNE WARD ROYAL VICTORIA COLLEGE 610 LAZARD AVE TOWN OF MT ROYAL MTL QUE	PHYSIOTH 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
AHSANI SYED AHMAD HASAN 3485 MCTAVISH ST MIN OF FOREIGHN AFFAIRS COMMONWEALTH RELATIONS KARACHI PAKISTAN	PARTIAL 0 BE 0424
AIKINS MARGARET MARY 4547 WEST BROADWAY AVE N D G MONTREAL QUE	B A 1 WA 3897
AITKEN HAROLD EDISON 1500 STANLEY ST MTL BAY FORTUNE P E I	MD CM 2 HA 4512
AITKEN MARGARET JANE 1733 CEDAR AVE MONTREAL 25 QUE	PHYSIOTH 1
AITKEN MARY ELAINE MACDONALD COLLEGE 70 ECMOUTH ST SAINT JOHN N B	B SC H EC 3
AKERMAN ISRAEL 4385 CLARKE ST MONTREAL QUE	B ENG PHY 4 MA 5048
ALAIN JOSEPH RENE 126 VITRE ST MONTREAL QUE	B ENG 1
ALBANO MICHAEL JAMES 258 SHERBROOKE ST W MTL 86 SAND LANE ARROCHAR S I N Y U S A	B SC 1 BE 7102
ALBERGA VINCENT HAMILTON 3587 UNIVERSITY ST MTL 8 DUMBARTON AVE JAMAICA B W I HALF WAY TREE	B SC 4 BE 0504
ALBERT JARVIS MTL GENERAL HOSPITAL EDMUNSTON N B	MED DIPL 5
ALDRICH MARTHA IRENE 1596 PINE AVE WEST MTL R R I STANSTEAD QUE	GR N CERT 1 FI 0248
ALEXAKIS KATHERINE 497 ST CATHERINE RD OUTREMONT QUE	B A 3 TA 4497
ALEXANDER EDWARD RYCKMAN 716 UPPER ROSLYN AVE WESTMOUNT QUE	B COM 4 DE 3094
ALEXANDER LYNN ROYAL VICTORIA COLLEGE 91RTH STREET NORANDA QUE	PHYSIOTH 1
ALEXANDER MARY JANE 136 MAIN ST FARNHAM QUE	B A 3
ALEXANDER NORMAN MURRAY 5100 COTE ST ANTOINE RD N D G MONTREAL QUE	B COM 2 EL 9893
ALEXANDER ROSE MAUREEN ROYAL VICTORIA COLLEGE 190 MACLAREN ST OTTAWA ONT	PARTIAL 0 PL 0477
ALEXANDOR BETSY ROYAL VICTORIA COLLEGE 68 PARK RD ROCKCLIFFE OTTAWA ONT	B A 3 MA 0858
ALEXANIAN ARMEN DERAN 3506 UNIVERSITY ST MTL 125 DELAWARE AVE HAMILTON ONT	B COM 2
ALGIE GORDON HAIG 5176 MONTCLAIR AVE MONTREAL QUE	MED DIPL 2 DE 4710
ALGIE MARGARET JEAN 5176 MONTCLAIR AVE N D G 62 ARCHIBALD ST MONCTON N B	M S W 1 DE 4710
ALIVISATOS JOHN 3414 STANLEY ST APT 8 MONTREAL QUE	M SC 2 PL 1942
ALLABY CEDRIC BAPRINGTON BOX 48 MACDONALD COLLEGE BLOOMFIELD STAT KINGS CO N B	D D S 3
ALLAN GEORGE BERNARD 927 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ENG 1 AT 2918
ALLAN MARY MARGARET 4879 PATRICIA AVE MONTREAL QUE	B SC 4 WA 5294
ALLARD JEAN GUY MONTREAL QUE 4224 CHRISTOPHE COLOMB	B COM 1 FA 1636
ALLEN HAROLD DON 53 MILTON ST MTL 18	EDUCATION 5 HA 2065
ALLARD JEAN SYLVIO 279 CHAMPLAIN ST VALLEYFIELD QUE	B ENG 1
ALLEN JESSE FRANKLIN J FOSTER QUE	GRAD QUAL 1
ALLEN JOAN MARGARET ROYAL VICTORIA COLLEGE 11 DALHOUSIE ST HALIFAX N S	PHYSIOTH 2 PL 0327
ALLEN LLOYD SHARP 6960 SHERBROOKE ST W MONTREAL QUE	M SC 1 EL 3232
ALLEN ROBERT EDWIN 7549 WISEMAN AVE MONTREAL 15 QUE	B ENG EL 4 VI 6144
ALLEN WILLIAM SCOTT DOUGLAS HALL 127 MAIN ST W HAWKESBURY ONT	B A 4 MA 9181
ALLENBY RALPH GORDON THEOLOGICAL COLLEGE 186 LONGUEUIL ST ST JOHNS QUE	B ENG MCH 3 BE 0752
ALLEY ARMINE MARIE BELLEVUE HOSPITAL NEW YORK CITY U S A	MED DIPL 2
ALLEYN NORA MARY M ROYAL VICTORIA COLLEGE 299 LAURIER AVE QUEBEC CITY QUE	B A 2
AL MUJAHID SHAREFF UNITED THEOLOGICAL COLL B 2 YOUSUFF ALI BLDGS MORAR ST PAKISTAN CHAWK KARACHI 1 PAKISTAN	M A 1 HA 4873
ALTON GERALD WILFRID R 4970 QUEEN MARY RD APT 19 MONTREAL QUE	M S W 1
AMARON ROY CALVIN 3508 UNIVERSITY ST MTL STANSTEAD COLLEGE STANSTEAD QUE	B C L 1 HA 4873
AMBRIDGE CHARLOTTE L ROYAL VICTORIA COLLEGE 19 WYCHWOOD PARK TORONTO ONT	B A 1 PL 0021
AMBROS MARY JOAN L 321 FIFTH AVE VERDUN QUE	B A 1
AMOR KAY RUTHMAN 4830 ST CATHERINE RD MONTREAL QUE	PHYSIOTH 3 RE 3 6772
AMOS EDWARD CHARLES 3425 RIDGEWOOD AVE MONTREAL QUE	B ENG MCH 5

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ANAND TICAURAJ 3485 MCTAVISH ST MONTREAL QUE	M ENG 1
ANASTASIADES PETER A G MACDONALD COLLEGE WOOD END BROMLEY SURREY ENGLAND	B SC AGR 1
ANASTASSIADIS PHOEBUS A MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 2
ANDERS MARGARET JANE 485 GROSVENOR AVE MONTREAL QUE	B SC 1 GL 4077
ANDERSON BEATRICE ANNE 4236 ROYAL AVE N D G MONTREAL QUE	B SC 4 DE 4126
ANDERSON BRUCE MC K 19 THORNHILL AVE WESTMOUNT QUE	M PS SC 1 WI 5759
ANDERSON ELIZABETH M K 4155 SIR GEO SIMPSON ST LACHINE QUE	B A 3 NE5 2312J
ANDERSON ERL ROY 3511 BELMORE AVE MONTREAL QUE	M A 3 EL 4022
ANDERSON FRANK WILLIAMS MACDONALD COLLEGE 108 BELMONT AVE OTTAWA ONT	B SC AGR 2
ANDERSON GLENDA LAUREEN MACDONALD COLLEGE 4543 OLD ORCHARD AVE MONTREAL 28 QUE	HOMEMAKER 1
ANDERSON GORDON COLIN MACDONALD COLLEGE 5259 MUSSET AVE MONTREAL QUE	B SC AGR 2
ANDERSON GREGOR MUNRO 3511 BELMORE AVE N D G MONTREAL QUE	B ENG MI 4 EL 4022
ANDERSON JOAN SHIRLEY 4236 ROYAL AVE MONTREAL 28 QUE	B A 1 DE 4126
ANDERSON JOHN FINDLAY 375 MT ROYAL W MONTREAL QUE	B D 3
ANDERSON JOHN MORRISON 5172 WALKLEY AVE APT 3 MONTREAL QUE	B ENG COM 5 EL 5911
ANDERSON LAWRENCE KEITH 7 MALCOLM CIRCLE DORVAL QUE	B ENG 1
ANDERSON PAUL MARTIN BROOKLYN R R 4 YARMOUTH CO N S	B SC P ED 3
ANDERSON SUSAN LOUISE ROYAL VICTORIA COLLEGE 429 HURON AVE OTTAWA ONT	B A 3 PL 0847
ANDERSON WILLIAM JAMES L 84 GARDENVILLE AVE LONGUEUIL QUE	B SC 1 OR 4 4779
ANDREWS DOUGLAS HAIG 1176 ST MARK ST APT 70 MONTREAL QUE	PH D 3
ANDREWS OLIVER JR 2325 BEACONSFIELD AVE N D G MONTREAL QUE 23 GOOGIN ST LEWISTON MAINE U S A	PH D 2 DE 7161
ANFOSSIE FREDERICK R 3605 UNIVERSITY ST MTL PEMBROKE BERMUDA	D D S 1 LA 0643
ANGEL ALVARO 421 PRINCE ARTHUR ST MTL A 1503 CARRERA 16 38 17 BAGOTA COLOMBIA	B ENG 2
ANGEL ROGER BERNARD 1501 CHOMEDEY ST APT 28 MONTREAL QUE	B A 4 FI 9711
ANGELL DAVID CLARK 3851 UNIVERSITY ST MTL 6 PROSPECT AVE RANDOLPH VERMONT U S A	MD CM 2
ANGERS JOHN WENCESLAS 253 EDISON AVE ST LAMBERT QUE	MD CM 4 OR 1 7550
ANGLIN JOHN VICKERS A 3466 MCTAVISH ST MTL QUE P O BOX 285 FAIRVILLE SAINT JOHN CO N B	MD CM 4 LA 9533
ANGUS STEPHEN FREDERICK 616 BELMONT AVE WESTMOUNT QUE	B ENG MCH 3 DE 7624
ANICH OLIVE V 2635 PIE 10 BLVD APT 21 MONTREAL QUE	PHYSIOTH 2 TU 8074
ANTECOL SAUL LEO 4560 BARCLAY AVE APT 8 MONTREAL 26 QUE	B ENG CH 5 EX 7898
ANTHONY BARBARA JOAN MACDONALD COLLEGE 1038 4TH AVE VERDUN QUE	TCH ELEM 1
APINIS ASTRIDA VIOLETA 4995 CTE ST CATHERINE RD APT 28 MONTREAL QUE	B SC P ED 2 AT 5468
APOSKITIS EAS AJAX JACK 3649 DUROCHER ST APT 9 MONTREAL QUE 44 SOLOMOU ATHENS GREECE	B ENG MCH 4 LA 3777
ARBEES BERNARD DAVID 4445 HINGSTON AVE MONTREAL QUE	B COM 1 DE 5823
ARBITMAN ROSLYN 2817 WILLOWDALE AVE MONTREAL QUE	B A 1 AT 0198
ARBUCKLE ALISON NORA 8 CHELSEA PLACE MONTREAL QUE	B A 2 EL 2383
ARCHAMBAULT MAURICE E 1102 ELGIN TERRACE APT 101 MONTREAL QUE 872 CASCADE ST ST HYACINTHE QUE	B ARCH 5 LA 7938
ARCHAMBAULT WILLIAM J 3610 HUTCHISON ST MONTREAL QUE	M A 1 MA 6756
ARCHER CAROL RUTH 1355 DORCHESTER ST W MTL 1177 GLEN DRIVE SAN LEANDRO CAL U S A	MD CM 1
ARCHIBALD SHEILA LOUISE 4737 VICTORIA AVE MONTREAL QUE	B SC 2 DE 1037
ARELLANO GEORGE R 2060 METCALFE ST APT 3 MONTREAL QUE 1 ST 257 VEDADO HAVANA CUBA	B ENG 2
ARGYROPOULOS STAVROS 3425 STANLEY ST APT 5 MONTREAL QUE	GRAD QUAL 1 MA 8916
ARKLAY JAMES TRYON WILSON HALL BOX 21 DONNACONA QUE	B COM 2 PL 0150
ARKWRIGHT IDA BERYL 5190 TRENHOLME AVE MTL W 40 MITCHELL ST NEW GLASGOW N S	GR N CERT 1 EL 6397

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ARMATTOE AUGUSTE ABOTCHI 2040 VICTORIA ST MTL ARMATTOE HOUSE DENU G COAST W AFRICA	B SC 3 MA 0638
ARMOUR DAVID ST GEORGE 3441 PEEL ST MTL 25 GRENADIER HEIGHTS TORONTO ONT	B COM 2
ARMSTRONG BRUCE PARKIN 3255 GOYER RD APT 15 MONTREAL 26 QUE	MD CM 1 RE 3 2139
ARMSTRONG DAVID ANTHONY 3508 DUROCHER ST MTL POOL ST JOHNS BARBADOS B W I	M SC 1 MA 4352
ARMSTRONG DONALD EUGENE 3583 UNIVERSITY ST APT 4 MONTREAL QUE	PH D 3 LA 3611
ARMSTRONG DOREEN FRANCES 5390 DUQUETTE AVE N D G MONTREAL QUE	PHYSIOTH 2 WA 8774
ARMSTRONG GORDON WAYNE 8 WINCHESTER AVE WESTMT 16 ST FRANCOIS HULL QUE	B ENG CIV 4
ARMSTRONG JOHN HENRY 4196 HINGSTON AVE N D G MONTREAL QUE	B SC 3 DE 5546
ARMSTRONG MARILYN V 184 S CHRISTINA ST SARNIA ONT	B A 4
ARMSTRONG MURIEL GLADYS 3583 UNIVERSITY ST APT 4 MONTREAL QUE	M A 1 LA 3611
ARMSTRONG RICHARD GREGG THEOGOLICAL COLLEGE 26 SELKIRK AVE HUDSON QUE	B D 1 MA 4902
ARMSTRONG ROBERT ALAN 900 SHERBROOKE ST W APT 72 MONTREAL QUE PORT MCNICOLL ONT	M SC 1 MA 7192
ARMSTRONG ROBERT J MACDONALD COLLEGE 627 MELBOURNE AVE OTTAWA ONT	B SC AGR 2
ARMSTRONG RONALD KEITH 3545 PARK AVE MTL 201 POWELL AVE OTTAWA ONT	D D S 1
ARNOLD JOHN TIMOTHY 7 ROOSEVELT AVE APT 5 TOWN OF MT ROYAL QUE	B ENG 1 EX 4117
ARON IVAN MAURICE 6628 MONKLAND AVE MONTREAL 28 QUE	M SC 2 DE 7707
ARSENEAULT LIONEL R 8459 DRUMMOND ST MTL 77 LAMBERT ST SHAWINIGAN QUE	B ENG 2 BE 0653
ARSENAULT PIERRE MARCEL 2650 LACORDOIRE ST APT 3 MONTREAL QUE	B ENG 2 TU 2134
ARSHAWSKY PEARL ROSE 1355 DORCHESTER ST W MTL 325 4TH AVE WEST MELVILLE SASK	MD CM 2 UN 6 9941
ARTHUR WILLIAM HURST 325 TASSE ST LAURENT QUE 116 S FIRST ST STREATON ILLINOIS U S A	MD CM 2 RI 4 2609
ARTIS DAVID JR 1001 SHERBROOKE ST W MTL 224 RUSHMORE AVE PLAINFIELD N J U S A	B SC 4 MA 7854
ASAE NOBORU 944 OSBORNE AVE VERDUN QUE	B SC 1 HE 2358
ASCH KENNETH 61 DUFFERIN RD MONTREAL QUE	B COM 2 WA 8474
ASHBY JOAN BEATRICE MACDONALD COLLEGE 489 ARGYLE AVE WESTMOUNT QUE	B SC H EC 4
ASHENMIL HAROLD WILLIAM 1273 LAJOIE AVE OUTREMONT QUE	B A 3 CA 2126
ASHFIELD KATHLEEN M MACDONALD COLLEGE 406 PINE AVE ST LAMBERT QUE	B SC H EC 4
ASHWIN JAMES GUY 3543 LORNE AVE MTL 524 13TH ST E PRINCE ALBERT SASK	PH D 4 HA 6073
ASHWORTH DAVID WILLIAM 3664 WESTMOUNT BLVD WESTMOUNT QUE	B A 4 DE 2046
ASIMAKOPULOS ATHANASIOS 5820 ST LAWRENCE BLVD MONTREAL QUE	PH D 2 CA 7800
ASPLER SHIRLEY 4865 QUEEN MARY RD APT 35 MONTREAL QUE	B A 2 EX 0241
ASSAD ROBERT JOSEPH 390 GROSVENOR AVE MTL BUCKINGHAM QUE	B SC 4 EL 0945
ASSELIN JEAN CLAUDE O 6666 ST DENIS ST APT 3 MONTREAL QUE	PARTIAL 0
ASSELIN JOHN TOBIN 4850 WILSON AVE MONTREAL QUE	B COM 4 WA 8476
ASTLE JOHN SHEARER 3651 OXENDEN AVE MTL METIS BEACH QUE	B COM 4 HA 3538
ASTWOOD PETER MILLARD HUDSON HEIGHTS QUE	B SC 4
ATKINSON DOROTHEA 2850 WILLOWDALE AVE MONTREAL QUE	D P H 2 EX 0764
ATKINSON MARY ELIZABETH 4077 GRAND BOULEVARD N D G MONTREAL QUE	M S W 2 DE 9426
ATTAS JACK E 2235 PRUDHOMME AVE APT 11 MONTREAL QUE BOX 408 ATHENS GREECE	B ENG MCH 4 HU 8 3082
AUDET FRANCOISE 1000 CRAWFORD VERDUN QUE	B A 4 TR 4452
AUDETTE PAUL MICHEL 26 DESAULNIERS BLVD ST LAMBERT 23 QUE	B ENG 2 OR 1 8090
AUGER RAYMOND LEMAITRE 3419 BELANGER E MONTREAL QUE	B ENG 2 VI 2077
AUSTEN JEFF BAIN STE 10 ASCONIA 1433 BISHOP ST MTL 48 ROSLYN CRESCENT WINNIPEG MAN	B ENG CH 3 LA 8924
AUSTIN DONALD GEORGE MACDONALD COLLEGE COLONELS RIDGE JAMAICA B W I	B SC AGR 4
AVAR ALIME DOLORES 4969 DORNAL ST MONTREAL QUE	B A 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
AVERILL EDWARD LEONARD 1608 SELKIRK AVE MTL TY GWYN CAERGWRLE WREXHAM N WALES	M SC 2 WI 7745
AVERY JOYCE ISOBEL 4351 WEST HILL AVE MONTREAL QUE	EDUCATION 5 DE 7952
AVERY ROBERT JOHN MACDONALD COLLEGE 114 STANLEY AVE OTTAWA ONT	PH D 2
AVERY SARA GAY ROYAL VICTORIA COLLEGE 44 NORTH ST GREENWICH CONN U S A	B A 2 PL 0847
AVIGAN JOEL 5750 DARLINGTON AVE APT 12 MONTREAL QUE	PH D 2 RE 3 1113
AVISON ARTHUR THOMAS MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
AWADA MICHAEL 6515 18TH AVENUE ROSEMOUNT MTL QUE	B A 3 CL 9185
AXELRAD ARTHUR AARON 4845 COTE ST CATHERINE APT 16 MONTREAL QUE	MED DIPL 3 EX 7079
AYERS WALLACE MORGAN 3429 DRUMMOND ST MTL 503 WEST 147TH ST NEW YORK 31 N Y U S A	B A 3 BE 2257
AYKROYD JUDITH MARY 473 LANSDOWNE AVE WESTMOUNT QUE	B A 4 GL 4487
AYKROYD PRUDENCE 473 LANSDOWNE AVE WESTMOUNT QUE	B SC 1 GL 4487
AYLEN DEREK 3653 UNIVERSITY ST MTL 35 HOWARD AVE OAKVILLE ONT	B A 4
AYOUNG CHEE SCOTT M 629 PRINCE ARTHUR W MTL 98 CIRCULAR RD SAN FERNANDO TRINIDAD B W I	B ENG CH 5 MA 0739
AYRE WILFRID JAMES 26 SHERBROOKE ST W APT 4 MONTREAL 7 WATERFORD BRIDGE RD ST JOHNS NFLD	B COM 1
AZZARIA LOUIS MONTHER 6375 SHERBROOKE ST WEST MONTREAL 28 QUE	B SC 2 EL 9163

B

NAME ADDRESS	COURSE & YEAR TEL. NO.
BABINSKI THOMAS 2196 PRUDHOMME AVE MTL ST CLET QUE	B C L 1 WA 7131
BABITCH ROSE MARY 2901 SPRINGLAND ST MONTREAL QUE	B A 3 HE 7226
BACAL HOWARD ATHOL 4850 WESTMOUNT AVE MONTREAL QUE	B A 3 DE 1104
BACK ROBERT ARTHUR 521 PRINCE ARTHUR ST W MONTREAL QUE R R 1 DELHI ONT	PH D 3 MA 0856
BADGLEY ROBIN FRANCIS 367 ELM AVE MONTREAL 6 QUE	GRAD QUAL 1 FI 7360
BADKE DONALD JOHN 5638 QUEEN MARY RD MONTREAL 29 QUE	B COM 4 EL 8047
BAER HAROLD GUSTAV MACDONALD COLLEGE 7455 MULBERRY ST MONTREAL 16 QUE	M SC 1
BAGAN LIONEL JASON 460 BROOKFIELD AVE TOWN OF MT ROYAL QUE	B A 2 AT 6862
BAGSHAWE MILDRED ANNE 97 ARLINGTON AVE MTL WOODVIEW RADLETT HERTFORDSHIRE ENG	B A 4 GL 4747
BAHR ELFRIEDE H MACDONALD COLLEGE 3592 UNIVERSITY ST MONTREAL QUE	TCH INT 1 PL 2435
BAIKIE ROGER BUDGE 5165 BORDEN AVE N D G MONTREAL QUE	B SC 3 EL 1364
BAILEY MARY BETH 209 LOGAN ST ST LAMBERT QUE	B A 3
BAILEY RONALD EDWARD 7360 OUIMET AVE VERDUN QUE	B SC 4 TR 5703
BAILEY WILLIAM DALE 5828 DUROCHER AVE OUTREMONT QUE	B ENG MCH 3 CR 8051
BAILEY WILLIAM R A 39 GLENDALE AVE OTTAWA ONT	PH D 2
BAILLIE CHARLES 12 SUMMIT CIRCLE WESTMOUNT QUE	B SC 1
BAIN BARBARA 4301 BENNY AVE MONTREAL 28 QUE	B SC 4 EL 0737
BAIN JOHN MURRAY 4301 BENNY AVE N D G MONTREAL QUE	B ENG 1 EL 0737
BAINES JOAN DOREEN ROYAL VICTORIA COLLEGE 1349 COLUMBIA AVE TRAIL B C	B SC 3 PL 0327
BAINS JOHN SAMUEL ROBERT 147 ROSEBERRY ST ST JAMES MAN	PARTIAL 0
BAIRD GEORGE COLIN DOUGLAS HALL BARNRIDGE WATERFORD RD ST JOHNS NFLD	B COM 1
BAKER HAROLD ARTHUR 548 PRINCE ARTHUR ST MONTREAL QUE P O 987 BERLIN N H USA	PH D 2 HA 7579
BAKER RALPH CASSIUS 760 BRAULT AVE VERDUN QUE	B ENG PHY 3 TR 4935
BALD ANN FERESTER 4501 HARVARD AVE MONTREAL QUE	B COM 1 DE 7782
BALDERSON ROBERT GORDON UNITED THEOGICAL COLLEGE MACGRATH ALBERTA	D D S 1
BALDWIN HAROLD RICHARD WILSON HALL COATICOCK R R 5 QUE	B SC 2 PL 0026

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BALDWIN LESTER WILSON HALL COATICOCK R R 5 QUE	B SC 3 PL 0026
BALKANSKY VASIL IVANOV 3480 HOTEL DE VILLE MONTREAL QUE	B ARCH 5 HA 5504
BALL FLORA MARION ROYAL VICTORIA COLLEGE 135 CANOE BROOK PKWY SUMMIT N J U S A	B A 1
BALL GORDON REGINALD 1 BRAESIDE PLACE WESTMOUNT QUE	B COM 1 FI 8288
BALL JANET ANNE MACDONALD COLLEGE 162 LAURIER AVE BOURLAMAQUE QUE	TCH ELEM 1
BALLANTYNE JAMES MICHAEL 120 ST JOSEPH BLVD DORVAL QUE	B C L 1 ME 1 1112
BALLANTYNE JEAN ISABEL 4991 VICTORIA AVE MONTREAL QUE	B A 2 AT 7039
BALLEW DONALD HARRISON 481 PRINCE ARTHUR W MTL 1702 VIRGINIA EVERETT WASHINGTON U S A	MD CM 2 PL 0320
BALLON BASIL FRANK 4687 BONIVISTA AVE MONTREAL QUE	B A 4 EL 7667
BALOGH ALEXANDER GEORGE 3960 HENRI JULIEN ST MONTREAL 18 QUE	B ENG MET 4 MA 7641
BALOGH LOUIS STEPHEN 3960 HENRI JULIEN ST MONTREAL QUE	B ARCH 4 MA 7641
BALTAS EVA 3537 STE FAMILLE ST MONTREAL QUE	PARTIAL 0 PL 3385
BALTZAN DONALD M 5094 VICTORIA AVE APT 6 MONTREAL QUE 219 SASK CRES W SASKATOON SASK	B SC 4 EX 9435
BALTZAN MARCEL A 5094 VICTORIA AVE APT 6 MONTREAL QUE 219 SASK CRESENT W SASKATOON SASK	MD CM 4 EX 9435
BALTZAN RICHARD B 5094 5 VICTORIA AVE MTL 219 SASK CRES WEST SASKATOON SASK	B SC 2 EX 9435
BANCROFT CATHERINE M 5010 SHERBROOKE ST W APT 22 MONTREAL QUE	M S W 1 EL 7995
BANFILL MARGARET ANN MACDONALD COLLEGE NORTH HATLEY QUE	TCH ELEM 1
BANK GILA 4815 QUEEN MARY RD MONTREAL QUE	B SC 2 AT 7917
BARAC HELENE NADINE 3661 STE FAMILLE MONTREAL QUE	B A 3 MA 3834
BARAKETT RAYMOND TANIKS 45 WILLOWDALE AVE OUTREMONT QUE	B A 2 AT 3104
BARBEAU RAYMOND JEAN 4080 CLARKE ST MONTREAL QUE	B C L 1 HA 7774
BARBER JOHN NEVILLE J S DOUGLAS HALL 274 BEACON ST BOSTON MASS U S A	B ENG EL 3
BARCLAY DOUGLAS GEORGE MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B ENG 1
BARCLAY HUGH GEORGE 4776 GROSVENOR AVE MONTREAL QUE	B ENG 1 DE 7696
BARCLAY MARGARET I 4776 GROSVENOR AVE MONTREAL QUE	PHYSIOTH 3 DE 7696
BARD HARRY 4635 RIDGEVALE AVE APT 3 MONTREAL QUE	B SC 1 RE 3 3958
BARDWELL WILLIAM DONALD 6325 SOMERLED AVE MONTREAL 28 QUE	B D 1 DE 9320
BARKHAM JOHN BRIAN 3647 UNIVERSITY ST MONTREAL QUE	M ARCH 1 MA 2806
BARFF THOMAS EDWARD 6720 SHERBROOKE ST APT 29 MONTREAL QUE	GRAD QUAL 1 WA 4768
BARLOW CHRISTOPHER H 2064 MCGILL COLLEGE AVE 43 HENLEY AVE TOWN OF MT ROYAL QUE	B ARCH 6
BARNA FRANK 7400 NEWMAN RD VILLE LASALLE QUE	B ENG 2 HE 3332
BARNES BARRY WALDON 622 GUIZOT ST MONTREAL QUE	B ENG 1 TA 7621
BARNES CHARLES R 3646 LORNE CRESCENT APT 1 MONTREAL QUE P O BOX 6 SATICOY CALIFORNIA U S A	MD CM 4 MA 5956
BARNES JOHN WALKER WILSON HALL 101 LAWTON BLVD TORONTO ONT	B ENG 2
BARNES MARION JUNE MCLENNAN HALL 36 SPRUCE ST GALT ONTARIO	GRAD QUAL 1 PL 0044
BARNES MARY GAIL MACDONALD COLLEGE 335 44TH AVENUE MONTREAL 32 QUE	TCH KIND 1 NE5 17945
BAROLET PAUL EDOUARD 790 GODIN AVE VERDUN QUE	B ENG CH 3 TR 1033
BAROLET RALPH YVON 830 ST CLARE RD TOWN OF MT ROYAL QUE	B ENG CH 4 AT 0654
BARONET ROBERT PAUL GRANDE LIGNE ST BLAISE QUE	B ENG MET 0 9262
BARRATTE ERNEST LORNE 5438 5TH AVENUE ROSEMOUNT QUE 5438 5TH AVE ROSEMOUNT MONTREAL QUE	B ARCH 3 FR 9923 FR 9923
BARRE DIANE ELIZABETH 1469 DRUMMOND ST MONTREAL QUE	B A 4 MA 1843
BARRETT ALLEN 4258 DELORMIER ST MONTREAL QUE	B COM 1 GI 3735
BARRETT BEVERLY ANN 940 ST AUBIN ST VILLE ST LAURENT QUE	B A 1 BY 6878
BARRIOS JOSE RENE 3429 DECARIE BLVD MTL CALLE 31 16 BAQTO VENEZUELA	B ENG 1 EL 7109

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
BARRY BARBARA MARY 4033 VENDOMME AVE N D G MONTREAL QUE	DE 5332	B SC 3
BARRY WILLIAM FREDERICK 7305 SHERBROOKE ST W APT 14 N D G MONTREAL QUE	WA 3679	MD CM 1
BARSHAW WILMA ETHEL 4587 HARVARD AVE MONTREAL QUE	DE 9068	B SC 2
BARTER JANET RUTH MACDONALD COLLEGE COOKSHIRE QUE		TCH INT 2
BARTETT ELINOR MARION 316 LANSDOWNE AVE WESTMOUNT QUE	GL 1088	B A 4
BARTKOWIAK MIECZYSLAW 1280 PINE AVE W APT 11 MONTREAL QUE	BE 0555	B COM 4
BARTOK WILLIAM 1830 LINCOLN AVE APT 6 MONTREAL QUE	FI 2054	B ENG CH 4
BARTOLOTTA WILLIAM G 4149 BEACONSFIELD AVE MONTREAL QUE 219 BAY ST NORTH HAMILTON ONT	EL 0212	B D 1
BARTON STUART SAMUEL 3609 UNIVERSITY ST MONTREAL QUE	LA 6307	PH D 4
BARTON WALTER BRUCE DUKE HOSPITAL DURHAM N C CHIPPAWA ONTARIO		MED DIPL 4
BARTOSHUK ALEXANDER KARL 7720 2ND AVE TOWN OF ST MICHEL QUE		PH D 2
BAR URIAN MOSHE 3880 PLAMONDON ST APT 5 MONTREAL QUE	RE 3 2232	B ENG EL 4
BARZA SIDNEY 3029 MAPLEWOOD AVE APT 12 MONTREAL QUE	EX 6074	MED DIPL 3
BASCOM ELEANOR ANNE ROYAL VICTORIA COLLEGE 14 DONCLIFFE DR TORONTO 12 ONT	PL 0597	B A 1
BASKI EUGENE 8940 ST LAWRENCE BLVD APT 9 MONTREAL QUE		B ENG 1
BASKIND PAUL 8590 BIRNAM AVE MONTREAL QUE	GR 4052	B A 1
BAS KRAUS EVA RUTH 3295 BARCLAY AVE APT 10 MONTREAL QUE	EX 6740	B SC 1
BATE NORAH MAUREEN OLGA ROYAL VICTORIA COLLEGE 5 WALL ST SAINT JOHN N B		PHYSIOTH 1
BATE PHILIP CHARLES B 3550 RIDGEWOOD AVE MONTREAL QUE	AT 6644	B SC 4
BATE THELMA ANN 5954 HUTCHISON ST OUTREMONT QUE	TA 2345	B SC 1
BATES DAVID WINDSOR 1321 SHERBROOKE ST APT C 40 MONTREAL QUE		B ENG 2
BATHORY ROLAND JOHN 3495 PEEL ST APT 1 MTL 1550 HOLLYWOOD AVE BRONX 61 N Y		MD CM 1
BATISTATOS CONSTANTINE 4400 WELLINGTON ST VERDUN QUE	TR 0891	B ENG CIV 4

NAME ADDRESS	TEL. NO.	COURSE & YEAR
BATSHAW LEWIS DAVID 4336 MONTROSE AVE WESTMOUNT QUE		B A 2
BATTAH EDDIE EDWIN 141 TELLIER ST JOLIETTE QUE		B SC 3
BATTEN ALSIE LOIS 182 BALLANTYNE AVES MTL 3469 WEST 42ND AVE VANCOUVER B C	WA 7066	D P H 1
BATTERMANN HELMUT F W A 2038 METCALFE ST MTL RUA TAYLOR 116 CAIXA P O 739 RIO DE JANEIRO BRAZIL	PL 0813	B ENG 2
BAUBLIS JOSEPH VINCENT 481 PRINCE ARTHUR ST MTL 199 WASHINGTON ST GARDNER MASS U S A	LA 9489	MD CM 1
BAUDAINS LINTON C G 426 SHERBROOKE ST E APT 5 MONTREAL QUE	PL 0453	B ENG 2
BAUDOT JEAN ALFRED C E 353 DUROCHER ST APT 2 MONTREAL QUE 296 QUEEN BLVD NORTH SHERBROOKE QUE	BE 2982	B ENG COM 5
BAUM EDWARD LESLIE 4140 ST URBAIN ST APT 2 MONTREAL QUE	LA 0613	GRAD QUAL 1
BAUMGARTNER HELMUT W 5937 JEANNE MANCE ST MTL 51 VOLTASTR FRANCFORT M W GERMANY	GR 9018	M A 1
BAXTER DARRYLE ANN 4522 OXFORD AVE MONTREAL QUE	EL 9890	B SC P ED 1
BAXTER DONALD WILLIAM COLBORNE ONT		M SC 1
BAXTER DOROTHY MAY ROYAL VICTORIA COLLEGE		B ARCH 4
BAY THEODOSIOS 15 LAURIER EAST APT 3 MONTREAL QUE	VI 1652	B ENG CH 5
BAZINET GERALD LUCIEN 1920 ROSEMOUNT BLVD MONTREAL QUE	TA 4714	B COM 2
BAZINET ROBERT PETER 1922 ROSEMOUNT BLVD MONTREAL QUE	TA 4714	B SC 3
BEACH HORACE DOUGALD 2024 MANSFIELD ST MTL ERNFOLD SASK	LA 6428	PH D 3
BEALE FREDERICK RICHARD 3473 UNIVERSITY ST MTL CLARENCEVILLE QUE	MA 4902	PARTIAL 0
BEALL GEORGE HALSEY 327 ROSLYN AVE WESTMOUNT QUE	GL 3408	B SC 1
BEAMAN FREDERICK ROLLAND 584 PINE AVE ST LAMBERT QUE	ORI 8659	B COM 1
BEAMISH CHARLES B 2039 MCGILL COLLEGE AVE MONTREAL KEMPTVILLE ONT	PL 1600	B SC 2
BEAN HIBBERT 5164 DECARIE BLVD APT 14A MONTREAL QUE	DE 3858	D D S 4
BEARD WILLIAM JAMES 219 COLLIN ST ST JOHN QUE		B ENG MI 5
BEATTIE SHELAGH ENID MACDONALD COLLEGE 81 KENSONGTON DRIVE MONCTON N B		HOMEMAKER 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BEATTIE STEUART 377 SECOND AVE VERDUN BROCKHAVEN SWEETSBURG QUE	GRAD QUAL 1 PL 4020
BEAUDOIN CAROLEE MAE 383 COTE ST CATHERINE RD OUTREMONT QUE	B A 3 DO 6484
BEAUDOIN ROLAND OSCAR 1569 MCGREGOR ST MTL 1288 BOURGEOYS ST HYACINTHE QUE	B ARCH 6 WE 0569
BEAUDRY RENE 14 COURCELETTE OUTREMONT QUE	B C L 4 TA 1694
BEAULIEU JACQUES JOSEPH 124 14TH AVE LACHINE QUE	B SC 4 NE5 2391R
BEAULIEU MAURICE 7815 CHABOT ST MONTREAL QUE	M SC 1
BEAUMIER JOS LOUIS 1305 PINE AVE W MTL 225 108 STREET SHAWINIGAN SOUTH 2 QUE	B ARCH 5
BEAUPRIE DONALD JOHN 3337 BOTREL AVE N D G MONTREAL 28 QUE	D D S 1 EL 9322
BEAUREGARD MARIE EUGENIE 3478 WESTMORE AVE N D G MONTREAL 28 QUE	PARTIAL 0 EL 9528
BEAUVILLIERS ANDRE 4830 MESSIER ST MONTREAL QUE	B SC 1 HO 4771
BECHAMP LEONARD R 3540 MOUNTAIN ST MTL 312 BAGSHAW ROUYN QUE	B ENG CIV 5 HA 3227
BECHARD BERNARD JOSEPH 26 CHURCHILL BLVD GREENFIELD PARK QUE	B L S 1 OR 1 8085
BECK MARIAN AGNES 456 PINE AVE APT 23 MTL 59 CHATSWORTH DR TORONTO ONT	M SC 1
BECK URSULA GRANT 1662 DUCHARME AVE OUTREMONT QUE	B SC 1 DO 9795
BECKOW RUTH 3780 COTE ST CATHERINE APT 8 MONTREAL 26 QUE	M A 2 AT 8263
BEDARD RAYMOND A 120 PARE CARTIER MTL 30 13008 115 AVE EDMONTON ALBERTA	M S W 1 WE 2072
BEDIRIAN ALBERT MACDONALD COLLEGE P O BOX 321 TEHERAN IRAN	B SC AGR 2
BEELER DONALD ALLEN MACDONALD COLLEGE UPPER CANARD KINGS CO N S	B SC AGR 4
BEELIK ANDREW 3654 HUTCHISON ST MONTREAL QUE	PH D 2 HA 4468
BEER EDITH 4594 DECARIE BLVD MONTREAL QUE	B ENG 1 HU 8 4552
BEESLEY JAMES F B MACDONALD COLLEGE 7283 WINDSOR RD VICTORIA B C	MD CM 4
BEGG GLENDA VERA MACDONALD COLLEGE CRYLSER ONT	B SC H EC 1
BEGIN LOUIS 641 BURNSIDE ST MTL 313 NOTRE DAME ST THETFORD MINES QUE	B COM 1 MA 0998
BEHARRY CYRIL FITZROY 3508 UNIVERSITY ST MTL 10 BENONES ST ST JAMES TRINIDAD B W I	B D 2
BEHN ROGER FREDERICK MACDONALD COLLEGE 33 ST MARYS RD HUYTON N LIVERPOOL ENGLAND	AGR DIP 1
BEKEROS DEMETRIOS D 3653 OXENDEN AVE MTL	EDUCATION 5 6923
BELAK JOHN 1461 MOUNTAIN ST MONTREAL QUE	B SC 2 BE 4965
BELANGER HENRI GUY 188 FILIATAULT VILLE ST LAURENT QUE	B COM 1 BY 2334
BELANGER MADELEINE MACDONALD COLLEGE 424 AVE EPITACIO PESSOA RIO DE JANEIRO BRAZIL	PARTIAL
BELANGER MARIE H A 54 CARDINAL ST VILLE ST LAURENT QUE	PHYSIOTH 1 BY 2909
BELANGER MICHEL F 525 PRINCE ARTHUR ST W MONTREAL QUE 9 ST JEAN ST LEVIS QUE	M A 1 LA 9540
BELDAVS JAZEPS THEODORS 7091 10TH AVE VILLE ST MICHEL QUE	MED DIPL 1
BELFORD JAMES ERIC 4072 HAMPTON AVE N D G MONTREAL QUE	B ENG 2 WA 8388
BELKIN ROSLYN 3967 DE LA PELTRIE MONTREAL QUE	M A EX 3998
BELL BARBARA ELIZABETH MCLENNAN HALL 103 CHURCH ST FREDERICTON N B	M S W 1 PL 0044
BELL DAVID RITCHIE 357 DE L EPEE AVE OUTREMONT QUE	B SC 4 CR 8040
BELL DOUGLAS NORMAN 629 PRINCE ARTHUR W MTL 5830 CARNARVON ST VANCOUVER B C	MD CM 2 MA 0739
BELL EDWARD STOREY 3431 DUROCHER ST APT 7 MONTREAL QUE 13 WEST VIEW WREKENTON GATEHEAD CO DURHAM ENG	B ENG CIV 4 HA 6691
BELL JEANNE 3400 RIDGEWOOD RD APT 6 MONTREAL QUE	B L S 1
BELL JOHN AIRDRIE N DOUGLAS HALL 6015 EAGLE RIDGE DRIVE EAGLE HARBOUR P O W VANCOUVER B C	MD CM 4
BELL MICHAEL DAVID 2020 METCALFE ST APT 12 MONTREAL QUE	B ENG 2 LA 2885
BELL MORTON LAWRENCE 110 HIGHFIELD AVE TOWN OF MT ROYAL MTL QUE	B C L 1 RE 3 3197
BELLAMY DAVID ALLEN 5151 COTE DES NEIGES RD APT 1 MONTREAL QUE	B ENG MCH 5 EX 6315

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BELLAMY ELIZABETH ANNE ROYAL VICTORIA COLLEGE 5R SUSQUEHANNA AVE COOPERSTOWN N Y U S A	B SC 4 PL 0576
BELLAVANCE GREGOIRE 1550 VISITATION ST MONTREAL QUE	B C L 1 FA 6522
BELO OSAGIE TIRAMIYU DOUGLAS HALL P O BOX 16 BENIN CITY NIGERIA WEST AFRICA	MD CM 4 MA 5472
BELYEA BARBARA ANN MACDONALD COLLEGE 1583 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B SC H EC 3
BELZILE JOSEPH HENRI R MACDONALD COLLEGE EXP STATION NOZMANDIN QUE	B SC AGR 2
BENDER JOSEPH 546 MILTON ST APT 2 MTL 622 LITTLECROFT RD UPPER DARBY PA U S A	MD CM 4 MA 3725
BENETT CELIA DURWFORD 4050 CAVENDISH AVE APT 5 MONTREAL QUE	B A 4 WA 1784
BENJAMIN ANNABEL 4917 FULTON ST MONTREAL QUE	B A 1 AT 3465
BENJAMIN FRANCES 380 EDWARD CHARLES APT 1 MONTREAL QUE	B A 3 DO 4705
BENJAMIN HERBERT 5245 PONSARD MONTREAL QUE	B ENG MCH 4 WA 8833
BENJAMIN PETER 4945 MAPLEWOOD AVE APT 3 MONTREAL QUE	MD CM 2
BENN FREDERICK WILLIAM 4800 CEDAR CRESCENT MONTREAL 6 QUE	B A 2 AT 5987
BENNETT ELIZABETH MARIE MACDONALD COLLEGE 8 MORRISON AVE TOWN OF MT ROYAL MTL QUE	TCH ELEM 1 9008
BENNETT JOHN ALBERT 3647 UNIVERSITY ST MTL BOX 233 NORTH WOODBURY CONN U S A	B COM 2 MA 2806
BENNETT LELAND GRADYN DRUMMOND ST Y M C A BURY QUE	B ENG 1
BENNICH JADWIGA 4720 DUPUIS AVE APT S1 MONTREAL QUE	M S W 2 EX 7022
BENNS BESSIE GEORGINA MACDONALD COLLEGE 134 MCGILL ST TRENTON ONT	B SC AGR 3
BENTHAM WILLIAM HARRY 545 PINE AVE W MTL P O BOX 318 THORNHILL ON	MD CM 2 MA 1545
BENTON BRUCE MCGREGOR ST LAMBERT QUE 284 MERTON AVE	B SC 2
BENTON RICHARD PHILIP 3517 HUTCHISON ST MTL 98 MAIN ST MONSON MASS U S A	MD CM 1 PL 6905
BENUA POLLY ROYAL VICTORIA COLLEGE 247 N PARKVIEW AVE COLOMBUS OHIO U S A	B A 4 UN 6 0158
BENZACAR ARLETTE M 5770 COTE ST LUC RD APT 4 MONTREAL QUE	B A 1 DE 7105
BERARD ANDRE JACQUES 4325 OLD ORCHARD AVE MONTREAL QUE	B COM 3 EL 3655
BERARD JACQUES LEO MACDONALD COLLEGE LANGE GARDIEN ROUVILLE QUE	B SC AGR 4
BERCOVITCH DAVID 716 DEL EPEE AVE APT 7 OUTREMONT QUE	B A 3 VI 1124
BERCUVITZ MARK SAMUEL 5000 CLANRANALD APT 106 N D G MONTREAL QUE	B COM 2 EL 6825
BEREZOWSKI HECTOR V 7530 DE LANAUDIERE MTL STURGIS SASK	MD CM 3 VI 1123
BERGEL ALEXANDER JAMES 3594A ST FAMILLE ST MONTREAL 18 QUE	B ENG 1 LA 7508
BERGEN HAROLD F 1575 SUMMERHILL AVE MONTREAL QUE	B COM 4 WE 5760
BERGER HANS KARL 195 DORCHESTER W MONTREAL QUE	B ENG 1 LA 3853
BERGER HARVEY DAVID 5222 HUTCHISON ST MONTREAL QUE	B A 3 DO 3335
BERGER IRENE 263 MCDOUGALL AVE OUTREMONT QUE	B SC 3 TA 1461
BERGERON LAWRENCE R 633 UNDERHILL PLACE MTL BOX 214 RICHMOND QUE	B ENG EL 4 MA 7874
BERGH COLIN SCHRLDER 3647 UNIVERSITY ST MTL ROTHESAY N B	B A 3
BERGMAN HAROLD WILLIAM 737 ROCKLAND AVE OUTREMONT QUE	B SC 4 DO 5041
BERGMAN NORMAN JOSEPH 1445 WINNING ST APT 2 MONTREAL QUE	B ENG PHY 4 LA 2506
BERGSTROM CARL HERKKO 151 STRATHYRE VILLE LASALLE QUE	B ENG 1 NE5 0687W
BERISH SEYMOUR 4885 QUEEN MARY RD APT 38 MONTREAL QUE	B COM 4 EX 8854
BERKMAN FRANKLIN GEORGETOWN UNIV HOSPITAL WASHINGTON 7 D C U S A 69 RUSSELL AVE OTTAWA ONT	MED DIPL 3
BERKOWITZ MARK AARON 5900 HUDSON ROAD MONTREAL 26 QUE	B ENG 1 AT 1210
BERLIN BERT BENZION 4672 MAPLEWOOD AVE MONTREAL QUE	MD CM 1 AT 5873
BERLIN DAVID HAROLD 5783 TRANS ISLAND AVE MONTREAL QUE	B A 1 AT 8127
BERLIND ELSIE 705 STUART AVE OUTREMONT QUE	B COM 2 TA 2648
BERLYN ROBIN WILFRID 3566 PRUDHOMME AVE APT 2 N D G MTL 399 MAIN ST SUFFIELD CONN U S A	B ENG 1 WA 1036
BERMAN JACK 202 VILLENEUVE WEST MONTREAL QUE	D D S 3 PL 3687

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BERNAUS OLGERTS 3615 DUROCHER ST MTL 7A DAGMAR AVE TORONTO ONT	B ENG 1 BE 6977
BERNOT JOSEPH 2654 HOGAN ST MONTREAL QUE	B A 3 HO 7023
BERNSTEIN EVELYN ANNE ROYAL VICTORIA COLLEGE 155 VALENTINE ST WEST NEWTON MASS U S A	B A 1 MA 0030
BERNSTEIN HERSHEL 742 MCEACHRAN AVE OUTREMONT QUE	B SC 4 CA 2011
BERNSTEIN HYMAN 5121 DUROCHER AVE OUTREMONT QUE	B SC 4 DO 2147
BERNSTEIN JACK H 4818C PARK AVE MONTREAL QUE	D D S 2 CA 7711
BERNSTEIN MARIANNE 5000 CLANRANALD AVE MONTREAL QUE	M S W 1 EL 3288
BERNSTEIN RUTH ROSLYN 206 WILLOWDALE AVE OUTREMONT QUE	B COM 2 AT 1556
BERRIDGE BRUCE MILLER 5811 COTE ST LUC RD APT 25 MONTREAL 29 QUE	B ENG PHY 4 HU 8 4111
BERRILL MARGARET E MACDONALD COLLEGE 3521 UNIVERSITY ST MONTREAL QUE	TCH INT 1
BERRY MARJORIE ELOISE MACDONALD COLLEGE SOUTH MOUNTAIN ONT	B SC H EC 4
BERRY ROBERT EDWARD F 778 OGILVY AVE MONTREAL 15 QUE	B D 3 TA 3103
BERTALANFFY FELIX D 3550 ST FAMILLE ST APT 1 MONTREAL QUE	PH D 3
BERTRAM JOHN CHARLES 660 VICTORIA AVE WESTMOUNT QUE	PARTIAL WA 1468
BERTRAND FERNAND CHARLES 52 JOFRE ST QUEBEC CITY QUE	B ENG MCH 5
BERTRAND GARNET EUGENE 3393 BEAUBIEN ST E MONTREAL QUE	B SC P ED 4 GR 4811
BERTRAND GILLES 1120 BERNARD AVE W APT 42 OUTREMONT QUE	M SC 1 CR 1618
BERTRAND LEO JOSEPH E MACDONALD COLLEGE 2 CHURCH ST VILLE ST LAURENT QUE	B SC AGR 1 BY 0286
BERWANGER CARL 5670 AZILDA ST PARK ST ST LEONARD CO LAVAL QUE	B ENG CIV 3 TU 8609
BETHUNE MARY CATHERINE 6766 SOMERLED AVE MTL 64 KENT ST CHARLOTTETOWN P E I	GRAD QUAL 1 DE 1633
BETHUNE WILLIAM JOHN 282 SHERBROOKE ST W MONTREAL QUE	B ENG MCH 4 HA 6083
BETTS DONALD DRYSDALE 3465 SIMPSON ST MTL 23 VERNON ST HALIFAX N S	PH D 2 FI 0333
BEUGLET CLAUDE HECTOR 1477 FORT ST APT 2 MONTREAL 25 QUE	B ENG 1 WI 7092
BEUTEL AUSTIN CECIL 1555 LAJOIE AVE OUTREMONT QUE	B COM 4 CA 2547
BEUTEL HARRIET REVA 1555 LAJOIE AVE OUTREMONT QUE	B A 2 CA 2547
BEVEN EDWIN GEORGE DOUGLAS HALL CASILLA 67 D SANTIAGO CHILE	MD CM 1
BEXTON WILLIAM HAROLD 621 CHARLEVOIX ST MONTREAL QUE	PH D 3 WI 3095
BHANOS PARIS ALEXANDER 1458 MOUNTAIN ST MTL T W A 5 KASR EL NIL CAIRO EGYPT	B A 1 LA 7156
BHASIN PARKASH CHANDER 3532 LORNE AVE MONTREAL QUE	M ENG 2. PL 7477
BHASKARAN KRISHNASWAMY 215 EAST 31ST NEW YORK C 90 CHURCHGATE ST EXT BOMBAY INDIA	MED DIPL 3 MU 6 8318
BHATTI DALJEET SINGH C O THE REP OF INDIA INTER AVIATION BLDG MTL ASSIS DIR CI AV DEPT NEW DELHI INDIA	LL M 1 UN 6 1618
BIALIK HIMAN GERALD 4970 LACOMBE AVE MONTREAL QUE	M A 2 EX 1526
BIARD JOAN MARGUERITE 320 49TH AVE LACHINE QUE	B SC 1 NE5 0750J
BIBACE MARYSE 5810 DECELLES AVE MONTREAL QUE	B A 1
BICKFORD LINDSAY KIRK 383 PRINCE ALBERT AVE WESTMOUNT QUE	B ENG CIV 4 EL 0365
BICKLEY MARGARET K 2055 LINCOLN AVE APT 4 MONTREAL QUE	PARTIAL GL 4043
BIELEFELDT CARLOS MACDONALD COLLEGE CASILLA 115 OSORNO CHILE	AGR DIP 1
BIELER PHILIPPE ETIENNE DOUGLAS HALL 2151 BRULART ST SILLERY QUE	B ENG CIV 3 PL 3333
BIERBRIER SOL 3547 DUROCHER APT 8 MONTREAL QUE	B C L 1 BE 3370
BIERE JOAN V VERDUN PROT HOSPITAL CANROSE ALBERTA	PARTIAL TR 4711
BIERKO JOSEPH STANLEY 2040 MONTGOMERY ST MONTREAL QUE	B COM 2 CH 2058
BIEWALD HAROLD FELIX 3581 UNIVERSITY ST MTL 6 ATLANTIC AVE OCEANSIDE N Y	D D S 2 MA 3842
BIGELOW ROBERT SIDNEY 16 BROAD ST AYLMER QUE	PH D 3
BIGGS JAMES GEORGE 6947 HUTCHISON ST MONTREAL QUE	B ENG 2 DO 3660
BIGMAN MARIA THERESA MACDONALD COLLEGE 493 SHERBROOKE W MONTREAL QUE	TCH ELEM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BIKADOROFF SERGE 3472 SHUTER ST MONTREAL QUE	B SC 3 PL 2969
BINDER ANNA ROYAL VICTORIA COLLEGE 75 PERTH ST BROCKVILLE ONT	B A 1 PL 0597
BINDER ETTA BELLA ROYAL VICTORIA COLLEGE 75 PERTH ST BROCKVILLE ONT	B A 4 PL 0634
BINNING BRUCE WHITFORD 352 BERWICK AVE TOWN OF MT ROYAL QUE	B COM 1 AT 0910
BION ROBERT WILLIAM 3605 UNIVERSITY ST MONTREAL QUE	B A 4 LA 0643
BIRCH EDNA ISABEL 18 BELVEDERE RD MONTREAL QUE	PARTIAL FI 1907
BIRCH JOHN WORTH 353 KENSINGTON AVE MTL 518 COLLEGE ST RICHMOND QUE	B COM 3 WE 8967
BIRENBAUM MORRIS 387 EDWARD CHARLES AVE APT 1 MONTREAL QUE	B COM 4 CA4164
BIRKS RICHARD IRWIN 2054 METCALFE ST MONTREAL QUE	GRAD QUAL 1 MA 4332
BIRMAN LISELOTTE C 5169 NOTRE DAME DE GRACE MONTREAL QUE	B A 1 EL 6152
BIRNBAUM ROSALIND 4925 VAN HORNE MONTREAL QUE	PHYSIOTH 3 EX 5320
BIRON PAUL 3520 SHUTTER ST STE CROIX QUE	B ENG 2 MA 8225
BISAILLON GILLES HENRI 562 OUTREMONT AVE OUTREMONT QUE	B COM 3 CA 6090
BISHOP BARBARA 3562 MOUNTAIN APT 6 MONTREAL QUE	PARTIAL PL 7751
BISHOP EDWARD LAWRENCE MACDONALD COLLEGE 1916 DORCHESTER ST MONTREAL QUE	AGR DIP 2
BISHOP ELIZABETH LOUISE MACDONALD COLLEGE 1255 MCMANANY BLVD SHERBROOKE QUE	TCH ELEM 1
BISHOP HENRY WILLIAM 2234 HAMPTON AVE N D G MONTREAL QUE	B ENG CIV 3 DE 3376
BISHOP JOHN LEIGH 42 BELEVEDERE RD WESTMOUNT QUE	B C L 3 FI 7504
BISHOP TREVOR HOWARD 42 BELEVEDERE RD WESTMOUNT QUE	B A 3 FI 7504
BISSETT GEORG FRANKLYN 3478 HUTCHISON ST APT 2 MONTREAL QUE 58 INGLIS ST HALIFAX N S	B C L 1
BISSON CATHELINE F M MACDONALD COLLEGE 6 LAVAL ST BAIE COMEAU QUE	TCH INT 2 9008
BISSON PHILIPPE FRANCOIS 1025 SHERBROOKE W 256 BAYSWATER OTTAWA ONT	B ENG MCH 4 BE 0336
BISSONNETTE CHARLES E 3028 BRESLEY ROAD MONTREAL QUE	B C L 1 WI 0861
BJARNASON ARLAN EMMET 1442 STANLEY ST APT 3 MONTREAL QUE	MD CM 4 BE 7164
BJORDAMMER RUTH LINDA ROYAL VICTORIA COLLEGE 893 SIXTH AVE N W MOOSE JAW SASK	B SC 4 PL 0495
BLACHFORD NANCY C 517 ROSLYN AVE MONTREAL QUE	B A 1 GL 1908
BLACK ALLAN CAMPBELL 1592 PINE AVE W MONTREAL QUE	B C L 1 FI 5857
BLACK ANDREW WESTON 4278 SHERBROOKE ST W MTL 235 MACK ST KINGSTON ONT	B ENG 1 FI 6420
BLACK BARRI BARBARA 4328 SHERBROOKE ST W WESTMOUNT QUE	B A 4
BLACK ELIZABETH JANET MACDONALD COLLEGE R R 1 MOUNTAIN ONT	B SC AGR 3
BLACK IAN HARCOURT 418 MOUNT STEPHEN AVE WESTMOUNT QUE	B ENG 1 GL 3038
BLACK JEAN ISABEL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PARTIAL
BLACK MORRIS 5026 GROSVENOR AVE MONTREAL QUE	B COM 2 EX 1586
BLACK PHILIP THOMAS 2016 LE NORMAND ST SILLERY QUE	PH D 5
BLACK WILLIAM FRANCIS 97 SHERBURN ST WINNIPEG MAN	M SC 2
BLACKBURN MARGARET M MACDONALD COLLEGE 6669 CHAMBORD ST MONTREAL 35 QUE	TCH ELEM 1
BLACKLEY ROY JACKSON 546 MILTON ST 601 MCDONALD AVE HAMLET N C U S A	MD CM 4 MA 3725
BLAIN CLAUDE PIERRE 8 WINCHESTER MTL 21 STE MARIE HULL QUE	B C L 1
BLAIR BRIAN DESMOND 7435 SHERBROOKE ST W MONTREAL 28 QUE	B ENG EL 4 DE 4976
BLAIR WILLIAM GRANT 4033 NORTHCLIFFE AVE N D G MONTREAL 28 QUE	L MUS 1
BLAIS JOSEPH LOUIS 3444 DUROCHER ST MTL 47 GOVERMENT RD EAST KIRKLAND LAKE ONT	B ENG MCH 4
BLAKE ROY MACAULAY S 3650 OXENDEN AVE MONTREAL QUE	B SC 3 PL 2422
BLAKE WESTON JR DOUGLAS HALL 147A NEWTON ST WESTON 93 MASS U S A	M SC 2
BLAKELY JOHN ARCLEN 170 MORRISON AVE TOWN OF MT ROYAL QUE	B A 3 AT 5056

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BLAKENEY ALICIA NEWCOME MACDONALD COLLEGE 643 GROSVENOR AVE WESTMOUNT QUE	B SC H EC 1
BLANCHARD ELEANOR M 3580 DECARIE BLVD MONTREAL QUE	B SC 2 DE 6994
BLANCHETIERE MAUD M MARY 7460 OUIMET AVE CRAWFORD PARK VERDUN QUE	M A 1 TR 4117
BLANDFORD GEORGE EDWARD 50 GOLF AVE POINTE CLAIR QUE	B ENG 1 PC 3620
BLANKFORT JOSEPH SAMUEL 3891 VAN HORNE MONTREAL QUE	B ENG EL 4 AT 3941
BLANSHAY ISRAEL EDDY 4635 HARVARD AVE N D G MONTREAL QUE	B A 2 EL 3084
BLATT CLARENCE 5940 SHERBROOKE ST W MONTREAL QUE	B COM 1 DE 5091
BLATT CONSTANCE B 5440 LEGARE AVE MONTREAL QUE	B A 1 AT 8270
BLATT IRIS ESTA ROYAL VICTORIA COLLEGE 1514 LIBERTY AVE HILLSIDE N J U S A	B A 1 MA 0030
BLATT MARGOT KATHERINE 6233 DE VIMY AVE MONTREAL QUE	B F A 4 EX 5578
BLAUER LEON 157 PERCIVAL AVE MONTREAL WEST 28 QUE	B ENG 2 DE 7717
BLEACKLEY LACHCAN M JR 451 PINE AVE ST LAMBERT QUE	B ENG 2 OR 1 7431
BLEJER PRIETO HECTOR WILSON HALL BARRANQUILLA COLOMBIA APARTADO AEREO 339	B SC 2 PL 0026
BLESS STEVE 3630 ST FAMILLE ST MONTREAL QUE	B C L 4 BE 4307
BLEYER STEPHEN 5485 TERREBONNE MONTREAL QUE	B ARCH 3 HU 8 3925
BLIGH GERALD CHARLES 522 SHERBROOKE ST W APT 35 MONTREAL QUE 512 SMITHE ST VANCOUVER B C	D D S 4
BLOND JULES 3025 SHERBROOKE ST W MONTREAL QUE	B C L 1 WI 0341
BLOOMFIELD GEORGE 4951 KENT AVE MONTREAL QUE	M S W 1 AT 7773
BLOOMFIELD HAROLD 4951 KENT AVE MONTREAL QUE	B C L 2 AT 7773
BLOOMFIELD MAXINE P MACDONALD COLLEGE 4841 FULTON ST MONTREAL QUE	TCH ELEM 1
BLOOMSTONE BERNARD 117 VILLENEUVE ST W MONTREAL QUE	B A 3 DO 5677
BLOOMSTONE FRANKLIN A 5267 CAVENDISH AVE N D G MONTREAL QUE	B A 4 DE 6447
BLOOMSTONE GIORA YECHIEL 4624 HUTCHISON ST MONTREAL QUE	B ENG 1 DO 6747
BLOOMSTONE SHIRLEY S 5267 CAVENDISH BLVD MONTREAL 29 QUE	B A 3 DE 6447
BLOSTEIN MAIER LIONEL 729 WILDER AVE OUTREMONT QUE	B ENG EL 4 DO 9341
BLOUIN ANTHONY WILFRID O 1563 MACGREGOR MTL 337 ELGIN ST OTTAWA ONT	B L S 1 WE 0569
BLOUIN MARCEL ERNEST 5318 MONKLAND AVE MONTREAL QUE	B SC 4 DE 7937
BLUM FRANK JULIUS 3251 LACOMBE AVE MONTREAL QUE	B A 1 RE 3 3146
BLUM JACK 760 DE L EPEE AVE OUTREMONT QUE	B SC 2 CR 8933
BLUMER HERBERT MARTIN 5053 PONSARD AVE MONTREAL QUE	MD CM 1 WA 5538
BLUNT DAVID REXFORD 40 DUFFERIN RD HAMPSTEAD 26 QUE	B COM 1 WA 2232
BOAG LORNA CHRISTIAN 3345 BARCLAY AVE MONTREAL QUE	MED DIPL 3 AT 4221
BOAG THOMAS JOHNSON 1025 PINE AVE W 3345 BARCLAY AVE APT 14 MONTREAL QUE	MED DIPL 4 PL 1251
BOARD CLIFFORD ERNEST 50 THIRD AVE GREENFIELD PARK QUE	B COM 1
BOBROVE EUNICE 3129 BRIGHTON AVE MONTREAL QUE	B A 2 AT 3580
BOBROVE JACK B 3129 BRIGHTON AVE MONTREAL QUE	B C L 3 AT 3580
BOCK CAROL MARGARET 4 NORTHCOTE RD HAMPSTEAD QUE	B F A 3 EL 4609
BOCKUS BEVERLEY MACDONALD COLLEGE BOX 68 KNOWLTON QUE	TCH ELEM 1
BODMER HENRY CARL M 3851 UNIVERSITY ST 105 ZOLLIKER ST ZURICH SWITZ	B A 4 HA 6896
BODULJAK STELLA STANA 5710 15TH AVE ROSEMOUNT MTL QUE	B COM 2 FA 3162
BODZIAN WALTER 770 13 AVE LACHINE QUE	B ENG 1 NE5 2836J
BOGUE BRIAN PATRICK 3851 UNIVERSITY ST CAIXA POSTAL 872 RIO DE JANEIRO BRAZIL	B ARCH 4 MA 4465
BOILY RAYMOND NELSON ANSE DE VAUDREUIL VAUDREUIL QUE	B C L 1
BOIRE ROGER EDMUND 441 STUART AVE MONTREAL QUE	B COM 3 CR 4413
BOISSINOT MICHEL ALFRED 1025 SHERBROOKE ST W MTL 849 CH STE FOY QUE	D D S 1 BE 0336
BOISTIERE CLAUDE HUGH DRUMMOND COURT APT 408 MONTREAL QUE AVENUE DE SAXE PARIS V11C FRANCE	B ARCH 6 LA 7313

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BOISVERT ROLAND 5539 WOODBURY ST APT 15 102 4TH ST SHAWINIGAN FALLS QUE	B ENG CIV 5
BOISVERT RONALD OMER 3539 STE FAMILLE ST MTL 260 ST PATRICK ST W MAGOG QUE	B COM 4 LA 5951
BOIVIN JOSEPH LUCIEN G 4295 DE LANAUDIERE MTL 84 ELECTRIC ST OTTAW ONT	B ENG MCH 3 AM 4918
BOLDUC CLAUDE PAUL EMILE 428 SHERBROOKE ST W APT 21 MONTREAL QUE 159 GIGAIRE BLVD SHAWINIGAN FALLS QUE	B ARCH 5 MA 4843
BOLLINGER FRANCOIS JEAN 1205 ST MARK ST MONTREAL QUE	B ENG CIV 4 WI 9914
BOLSTAD SHIRLEY IRENE ROYAL VICTORIA COLLEGE 765 EGLINTON AVE W TORONTO ONT	B A 1 PL 0597
BOLTON MICHAEL REGINALD 3508 DUROCHER ST MTL ST ANNS COURT GARRISON BARBADOS B W I	B ENG CH 4 MA 4352
BOMBARDIERI CAURINO C 2300 HARVARD AVE MTL 218 6A ST N E CALGARY ALBERTA	PH D 2 WA 3929
BOND ALLAN JR 3647 UNIVERSITY ST MTL 1 EAST END AVE NEW YORK N Y U S A	B A 4 MA 2806
BOND BARBARA KONSTANCE 5185 HAMPTON AVE N D G MONTREAL QUE	B A 4 DE 7382
BOND ELTON HOWARD DOUGLAS HALL 9 LESLIE RD STREETLY STAFFORDSHIRE ENG	B A 3
BONDER GERALD MITCHELL 4579 KENSINGTON AVE N D G MONTREAL QUE	B COM 2 WA 1067
BONE PETER JOHN WILSON HALL SIERRA FRIA 755 BARRILACO MEXICO D F	B COM 2
BONGERS HENRI THEODORE J MACDONALD COLLEGE 733 DE L EPEE ST MONTREAL QUE	B SC AGR 2
BONIN MAURICE LUCIEN 115 SHERBROOKE EAST MTL 263 COLLEGE ST SUDBURY ONT	B ENG 2
BONNETERRE CLAUDE JOSEPH 40 PINE BEACH DORVAL QUE	B SC 1 ME 1 1394
BONNEY GEORGE MORGAN 481 PRINCE ARTHUR ST MONTREAL QUE 1382 WATERLOO RD TOWN OF MT ROYAL QUE	B ARCH 2 LA 9489
BONNLANDER BENJAMIN H 3485 MCTAVISH ST MTL CHESTER VERMONT U S A	B SC 4 BE 0424
BONNYMAN FRANCIS BLAIR MACDONALD COLLEGE 321 REGENT ST FREDERICTON N B	B SC AGR 4
BOON BARBARA JOAN 907 HARTLAND AVE OUTREMONT QUE	B SC 2 AT 4658
BOONE WILLIAM TERENCE MACDONALD COLLEGE CLARKES BEACH NFLD	B SC AGR 4
BOOTE MAURICE JOHN 1551 ST MARK ST APT 21 MONTREAL 25 QUE	M A 2 FI 2569
BOOTH KENNETH CHARLES 4739 GROSVENOR AVE MONTREAL 6 QUE	B ENG EL 4 EL 9012
BORDEN BLAIR ELIZABETH 146 BALFOUR AVE TOWN OF MT ROYAL QUE	B SC P ED 1 AT 1436
BORDEN BYRON CHARLES 146 BALFOUR AVE TOWN OF MT ROYAL MTL QUE	B ENG PHY 5 AT 1436
BORDEN ERNEST KEITH 2336 HINGSTON AVE MONTREAL QUE	MD CM 1 DE 2453
BORDEN ROBERT LAIRD DOUGLAS HALL TANNERY HILL FARM KING ONT	B COM 2 LA 9887
BORDEN SHIRLEY FAYE ROYAL VICTORIA COLLEGE 42 COMMERCIAL ST GLACE BAY N S	B A 2 PL 0495
BORIGHT HENRY ANGUS 628 BELMONT AVE WESTMOUNT QUE	MD CM 2 WA 3640
BORJA ISIDRO COSME 258 SHERBROOKE ST W MTL 5 64 LA SIERRA MARIANAO HABANA CUBA	B SC 1 BE 7102
BORNSTEIN ROBERT EDWARD 3763 WESTMOUNT BLVD MONTREAL QUE	B A 4 WA 3413
BOSACKI EMIL CARL 1441 DRUMMOND ST MTL 35 OTTAWA ST S HAMILTON ONT	B SC 1
BOSNITCH SAVA 3637 UNIVERSITY ST MONTREAL QUE	M A 2 MA 1736
BOSSE ALFRED 6783 GARNIER MONTREAL QUE	B C L 1 DO 4897
BOTA ROBERT ANTHONY B 1970 ST CATHERINE ST W MONTREAL QUE	GRAD QUAL 1 WI 7871
BOUCEK JAROSLAV A 4624 MELROSE AVE N D G MONTREAL QUE	GRAD QUAL 1
BOUCHARD JACQUES 18 QUERBES AVE 985 CARTIER TROIS RIVIERES QUE	B ENG 1 GR 4531
BOUCHER GUY JACQUES 3991 ST HUBERT ST MONTREAL QUE	B ENG EL 3 CH 7297
BOUFFARD ERIC JOSEPH MACDONALD COLLEGE ETANG DU NORD MAGDALEN ISLANDS QUE	B SC AGR 4
BOULAIS GUY 4570 CHAMBORD ST MONTREAL QUE	B ENG CIV 3
BOULDING JOSEPH E 3550 SWAIL AVE APT 21 MONTREAL QUE PENTICTON B C	MD CM 4
BOURAS ELIAS 1441 DRUMMOND ST MTL 19 ROSTAND ST ATHENS GREECE	LL M 1 MA 4171

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BOURASSA LEONARD RENE 4320 DECARIE BLVD MTL 140 FACTORY ST WINDSOR EAST QUE	B ENG 1
BOURASSA PAUL JACQUES 3796 HARVARD AVE MTL WINDSOR EAST QUE	B ENG MI 5 EL 9624
BOURBONNAIS PIERRE JEAN 6828 DENORMANVILLE ST MONTREAL QUE	B ENG EL 3 CR 6159
BOURBONNAIS PIERRE PAUL 2910 MAPLEWOOD APT 1 N D G MONTREAL QUE	B ENG CIV 4 Ex 0856
BOURDON ANDRE ANTOINE 269 QUERBES AVE OUTREMONT QUE	B C L 4
BOURGEAU ANGUS EDWARD MACDONALD COLLEGE 52 BALFOUR AVE TOWN OF MT ROYAL QUE	AGR DIP 1
BOURGEOIS CLAUDE 8603 MARSEILLE MONTREAL 5 QUE	B ENG AM 3 CL 5551
BOURGEOIS FREDERICK G 6634 MONKLAND AVE MONTREAL QUE	B C L 1 EL 2314
BOURGEOIS REGINALD P 5151 5TH AVENUE ROSEMOUNT QUE	B ENG EL 4 CH 5776
BOURGOUIN GUY 6 ST CHARLES ST DORVAL QUE	B ENG 2 ME1 1298
BOURKE RICHARD DAVID 774 UPPER LANSDOWNE AVE WESTMOUNT QUE	B ARCH 5 EL 2343
BOURNE ROBERT HENRY ROYAL VICTORIA HOSPITAL 28 EDGEHILL ROAD WESTMOUNT QUE	MED DIPL 3 PL 1251
BOURQUE JOSEPH JEAN P 5025 BOYER ST MONTREAL QUE	B C L 4 BE 2934
BOUSKILA MICHEL 2055 LINCOLN AVE APT 2 MONTREAL QUE 16 RUE FAVRE CASABLANCA MOROCCO	M S W 1 FI 8423
BOUTIN JOSEPH JACQUES A 346 JACQUES CARTIER ST ST JOHNS QUE	B ENG 1
BOWE JOHN VINCENT 3445 PEEL ST MTL 90 AWDE ST TORONTO ONT	B SC 1 HA 9462
BOWERING MARILYNN 6110 TRANS ISLAND AVE N D G MONTREAL QUE	B SC P ED 3 Ex 3291
BOWLES DAVID D S 225 STANSTEAD AVE MONTREAL QUE	B ENG 2 AT 4806
BOWN ELIZABETH JANE 3 PARKSIDE PLACE MONTREAL QUE	B SC P ED 4
BOYCE ELIZABETH ANN MACDONALD COLLEGE ATHELSTAN QUE	TCH ELEM 1
BOYD DONALD HERBERT J 3609 UNIVERSITY ST MTL 601 EARL ST KINGSTON ONT	PH D 4 LA 6307
BOYD MARGARET DIANE S ROYAL VICTORIA COLLEGE 284 CHAPEL ST OTTAWA ONT	B A 1
BOYD MARGARET HELEN LOIS 456 PINE AVE WEST MTL 307 27TH ST W SASKATOON SASK	D P H 1 LA 0867
BOYD ROBERT DANIEL 2 ELLERDALE RD APT 3 HAMPSTEAD QUE	B ENG CIV 3
BOYD ROBERT JAMES 3517 HUTCHISON ST MTL 1731 CLINTON ST MUSKEGON MICHIGAN U S A	MD CM 1 PL 6905
BOYD THOMAS ARTHURS B 205 DEGUIRE ST LAURENT QUE	MED DIPL 3 BY 5056
BOYER DON W 481 PRINCE ARTHUR W MTL RR 2 KIRKLIN INDIANA U S A	MD CM 1 PL 0320
BOYLE EDWARD JAMES 3617 LORNE CRESCENT MTL 356 BLEECKER AVE BELLEVILLE ONT	MD CM 3
BOZICH TONY 1280 PINE AVE MTL DUPARQUET QUE	B SC 2
BOZZER ANGELO 7549 DUROCHER ST MONTREAL QUE	B ENG MCH 3 TA 8881
BRABANT JOSEPH ANTHONY 3472 VAN HORNE MONTREAL QUE	B C L 1 EX 6276
BRADEEN CHARLES SHAW JR 473 CLARKE AVE WESTMOUNT QUE	B C L 1 WI 8090
BRADFIELD THOMAS STONE 3653 UNIVERSITY ST MTL 222 FOREST HILL RD TORONTO 12 ONT	B ENG CIV 5 PL 2073
BRADLEY CHARLES ROLAND 106 DUPONT AVE CHATEAUGUAY HEIGHTS QUE	B ENG 2
BRADLEY ROBERT ELLISON 6240 CLANRANALD AVE MONTREAL QUE	B COM 3 EX 1840
BRADY A J WILLIAM 2026 CONNAUGHT AVE MONTREAL 28 QUE	B ENG COM 5 DE 1512
BRADY CAROLYN SYLVIA 5009 GROSVENOR AVE MONTREAL QUE	B SC 1 EX 4818
BRAGOLI ALFRED JAMES 3571 HUTCHISON ST MTL 530 KNOX ST RUMFORD MAINE U S A	MD CM 4 PL 8821
BRANDT REGINALD ROY 801 CREVIER ST LAURENT QUE	B ENG CH 4 BY 3815
BRAY BRENDA LENAINE 49 BELMONT AVE VALOIS QUE	B F A 3
BREACKELL DONALD THOMAS 5935 12TH AVE RSMT MONTREAL QUE	B SC 3 TA 5478
BRESLIN DONALD JOSEPH 1425 ST MATTHEW ST MTL 24 GLEN CEDAR RD TORONTO ONT	MD CM 3 WE 8866
BRETTSCHNEIDER MERVYN 951 PRATT AVE OUTREMONT QUE	B ENG 1 AT 1428
BRETTSCHNEIDER MURRAY 951 PRATT AVE OUTREMONT QUE	B ENG CIV 5 AT 1428

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BREWERTON GORDON ALLAN 4357 COOLBROOK AVE MONTREAL 28 QUE	B ENG 2 EL 2574
BRIANT PETER CHARLES MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M COM 2
BRICHANT ANDREW ALBERT 4955 MAPLEWOOD AVE APT 14 MONTREAL QUE BOITE POSTALE 250 RABAT FRENCH MOROCCO	M A 1
BRICKMAN WILLIAM JAMES 5853 HUDSON RD MONTREAL 26 QUE	PH D 3
BRIDSON JEAN SHIRLEY 1605 DUCHARME AVE OUTREMONT QUE	B COM 4 CA 7026
BRIERLEY JAMES DONALD M 22 THORNHILL AVE WESTMOUNT QUE	B A 3 WE 3218
BRIFMAN ELEANOR 4553 MICHEL BIBAUD MONTREAL QUE	B A 1 EX 4665
BRIGGS DAVID CHRISTOPHER 130 MILTON ST MTL 38 FITCH ST WELLAND ONT	B ENG 2 MA 3439
BRIGGS ROBERT FRANCIS 3740 JEANNE MANCE ST MTL 38 FITCH ST WELLAND ONT	MD CM 2 LA 4764
BRILL PERCIVAL HYMAN 15 HENEY ST OTTAWA ONT	B SC 2
BRINCKMAN JOHN FRANCIS WILSON HALL R R 1 BOX 148 OTTAWA ONT	B A 3 PL 0150
BRINCKMAN THEODORE G R BOX 148 R R 1 OTTAWA ONT	B A 1
BRINK ROBERT HAROLD JR 458 ELM AVE WESTMOUNT 19 INDIAN RD NEWARK DELAWARE U S A	MD CM 1 WI 2389
BRISBANE IAN WILLIAM G 654 BELMONT AVE MTL HUDSON HEIGHTS QUE	B SC 3 WA 1690
BRISKIN ROSLYN MONA MACDONALD COLLEGE 4906 QUEEN MARY RD MONTREAL QUE	TCH ELEM 1 EX 2135
BRISSON GERVAISE 49 ST GEORGE ST VILLE LAPRAIRIE QUE	B C L 4 HA 2766
BRITT DANIEL LESLIE 3493 SHUTER ST MTL 52 ROCKWOOD COURT SAINT JOHN N B	D D S 2 BE 0879
BROCHOCKI STANISLAW F 1180 DRUMMOND ST APT 23 MONTREAL ABERCORN QUE	B ENG MCH 4 UN 6 9003
BROCK MANSFIELD HAROLD 3474 MCTAVISH ST MTL SPANISH POINT PEMBROKE WEST BERMUDA	B SC 3
BROCK PETER WESTON 371 MORRISON TOWN OF MT ROYAL QUE	B ENG 2 EX 2485
BRODEUR JAMES HOPE 1 FINCHLEY RD HAMPSTEAD QUE	B ENG MCH 3 DE 2993
BRODEUR MICHAEL TONER H 1 FINCHLEY RD HAMPSTEAD QUE	MD CM 1 DE 2993
BRODEUR RAYMOND MARCEL 3940 COTE DES NEIGES APT C61 MONTREAL QUE	B A 4 FI 4565
BRODIE IRWIN STANLEY 716 DEL EPEE AVENUE OUTREMONT QUE	B C L 3 CR 8012
BRODKIN ELLIOT 5891 CLANRANALD AVE MONTREAL QUE	PH D 3 RE 3 2834
BROMLEY ROBERT DAVID 30 DUFFERIN RD HAMPSTEAD QUE	B COM 2 DE 6107
BRONSTEIN ARTHUR IRVING 3518 PRUDHOMME AVE MONTREAL 28 QUE	B C L 3 EL 8990
BRONSTEIN IVAN 4921 DORNAL AVE MONTREAL QUE	B A 1 AT 0737
BROOK RICHARD JOHN 222 STRATHEARN AVE MONTREAL W QUE	B SC 3 EL 2561
BROOKER DOUGLAS STANLEY 5190 COOLBROOK AVE N D G MONTREAL QUE	B D 1 EL 4920
BROOKS ALFRED JOHN 419 PRINCE ARTHUR ST W MONTREAL QUE BOX 10 SUSSEX N B	MD CM 2 HA 1088
BROOKS CALEB EMERSON 203 34TH AVE LACHINE QUE	B A 1 NE 5 0647
BROOKS SARAH ELAINE ROYAL VICTORIA COLLEGE 11 SLATER ST BRANTFORD ONT	B SC 3 PL 0598
BROOKS VIVIAN EARL H 4832 HUTCHISON ST MTL MANDEVILLE JAMAICA B W I	MD CM 3 QR 6178
BROOME JOHN MACKINTOSH 3605 UNIVERSITY ST MTL R R 1 PRESCOTT ONT	B COM 3 LA 0643
BROPHEY BEVERLEY 4012 ROYAL AVE MONTREAL QUE	B A 4 DE 8514
BROSSARD MICHEL 364 BIRCH ST LAMBERT QUE	B ENG CIV 3 OR1 6036
BROWMAN MARK 7841 2ND AVENUE VILLE ST MICHEL QUE	MED DIPL 4 DU 7302
BROWN BARBARA ELIZABETH 1 DE CASSON RD WESTMOUNT QUE	B A 4 FI 8123
BROWN ELEANOR DEANE MACDONALD COLLEGE 1009 LAIRD BLVD TOWN OF MT ROYAL QUE	B SC H EC 3
BROWN BERNARD 6584 DELAROCHE AVE MONTREAL QUE	B SC 1 QR 1664
BROWN CARL EDWARD P 3473 UNIVERSITY ST MTL DANVILLE QUE	B A 4 MA 4902
BROWN CHARLES KIRKLAND ANSE DE VAUDREUIL VAUDREUIL QUE	B ENG 2 2156
BROWN DONALD RALPH 3306 PRYTANIA ST APT 5 NEW ORLEANS LA U S A	MED DIPL 4
BROWN EDDIE 73 PAGNUELO AVE OUTREMONT QUE	B COM 1 CA 2773

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BROWN GRAHAM EGERTON 1 DE CASSON RD WESTMOUNT QUE	B A 2 FI 8123
BROWN IAN WILSON BEAUHARNOIS QUE	B A 4
BROWN JAMES M STE ANNE DE BELLEVUE QUE 3568 UNIVERSITY ST MONTREAL QUE	MED DIPL 4
BROWN JOHN A B 258 SHERBROOKE ST W MTL 338 ST MAURICE PARK CAP DE LA MADELEINE QUE	B COM 2 BE 7102
BROWN LORAND REID 64 CLAUDE AVE DORVAL QUE 97 HIGHLAND AVE APPONAUG R I U S A	MD CM 2 ME 1 3908
BROWN MARY FRIEDA MCLENNAN HALL 12 RAVENHILL PARK GDNS BELFAST IRELAND	B L S 1 PL 0044
BROWN MURRAY MALCOLM 3609 UNIVERSITY ST MTL 257 PATRICIA BLVD TIMMINS ONT	B ARCH 6 LA 6307
BROWN NIELS FREDERICK 330 MOFFAT AVE VERDUN QUE	B SC 3 TR 8651
BROWN PHYLLIS VALERIE 354 ELM AVE WESTMOUNT 225 MILFORD RD FAIRVILLE N B	MD CM 2 GL 3123
BROWN SUZANNE STEWART 4691 WESTMOUNT AVE MONTREAL QUE	B COM 1 WA 3571
BROWN THOMAS WILLIAM 2321 MADISON AVE MONTREAL QUE	B C L 3
BROWN WILLIAM THEOPHLUS 4296 ST CATHERINE ST W MONTREAL QUE 401 QUINCY ST W LAKELAND FLA U S A	PH D 2 WI 6535
BROWNE MARY BARBARA ROYAL VICTORIA COLLEGE 75 BENSON AVE PETERBORO ONT	B F A 3 PL 0526
BROWNELL HAROLD HODGSON 3609 UNIVERSITY ST MTL 302 CLEMOW AVE OTTAWA ONT	PH D 4 LA 6307
BROWNELL HAROLD HUSTON 3466 MCTAVISH ST MTL OXFORD NOVA SCOTIA	MD CM 3 LA 9533
BROWNLEE ROBERT THOMAS W 80 FAIRFIELD AVE GREENFIELD PARK QUE	B SC 1 OR 1 6707
BROWNLEE WILLIAM 3626 OXENDEN AVE APT 3 MONTREAL QUE 9 CRESENT AVE OTTAWA ONT	B ENG MCH 3 PL 5349
BROWNS IRWIN 754 WILDER AVE OUTREMONT QUE	B A 3 EX 6865
BROWNSTEIN PHILIP 5725 TRANS ISLAND AVE MONTREAL QUE	D D S 1 EX 2896
BRUCE CLAIRE MARIE E MACDONALD COLLEGE 75 SOMERSET ST W OTTAWA ONT	B SC H EC 2
BRUCE IAN BOYACK DOUGLAS HALL BOX 465 NASSAU BAHAMAS	B ENG CH 3 MA 4465
BRUCE ROBERTA MAUDE 419 MAIN ST W HAMILTON ONT	M S W 2
BRUCK ESTHER RUTH 1942 BARCLAY AVE MONTREAL QUE	B A 4 EX 0641
BRUHMULLER JOHN HOLLIS 1290 PROVOST ST LACHINE QUE	TCH INT 1 NE5 48313
BRUNEAU DAVID GERALD 3880 BROADWAY LACHINE QUE	B ENG 1 NE5 08493
BRUNEAU ROGER 5190 8TH AVENUE ROSEMOUNT QUE	B ENG MCH 4 CH 5715
BRUNELLE MARIE MICHELINE 1850 PREFONTAINE ST MONTREAL QUE	PARTIAL AM 0079
BRUNELLE PAUL H 3540 MOUNTAIN ST MTL 129 TOUPIN ST CAP DE LA MADELEINE QUE	B ENG CIV 5 HA 3227
BRUNELLE PIERRE GERARD 1464 PREFONTAINE ST MONTREAL QUE	B COM 1 FA 6838
BRUNET ROBERT JACQUES 771 LAIRD BLVD TOWN OF MT ROYAL QUE	B COM 1 AT 3274
BRUNO DOROTHY 4913 WESTERN AVE WESTMT 10046 S MAPLEWOOD AVE CHICAGO 43 ILL U S A	M SC 1 WA 8401
BRYCE JOHN GEORGE 2070 UNION AVE APT 14 MONTREAL QUE 877 W 28TH AVE VANCOUVER 9 B C	PH D 2
BRYSON WILLIAM THOMAS 528 LANSDOWNE AVE WESTMOUNT QUE 2072 CADBORO BAY RD VICTORIA B C	D D S 4 GL 4088
BUCHAK LUBA NADIA 6640 DES ERABLES AVE	B SC 3 GR 7593
BUCHAK ROXANNE MARION 6630 DES ERABLES AVE MONTREAL QUE	B SC 1 VI 7309
BUCHANAN DONALD ROY DEPT OF FISHERIES RM 303 BIRKS BLD G OTTAWA ONT	M A 2
BUCHANAN ELEANOR G MACDONALD COLLEGE BOX 153 ENGLEHART ONT	TCH ELEM 1
BUCHANAN PHYLLIS ORR 575 ROSLYN AVE WESTMOUNT QUE	B A 4 DE 5229
BUCHSBAUM SOLOMON JAN 397 ST JOSEPH BLVD W APT 7 MONTREAL QUE	M SC 1 CA 5055
BUCK JOHN MARTIN MCMASTERVILLE QUE	B D 3
BUCKRIDAN RAKIB 3583 HUTCHISON ST MTL RIO CLARO TRINIDAD B W I	B SC 4 PL 2564
BUDZIK PETER THADDEUS 4396 MELROSE AVE N D G MONTREWL 28 QUE	B ENG CH 3 DE 2761
BUKHARI SYED ALLAH DAD 4107 OXFORD AVE MTL MIN OF FOREIGN AFFAIRS COMMONWEALTH RELATIONS KARACHI PAKISTAN	PARTIAL DE 9774

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BULANI WALTER 3617 HUTCHISON ST MTL 733 BEDFORD RD SASKATOON SASK	PH D 4 HA 5040
BULLARD CONRAD KEITH MACDONALD COLLEGE 895 40TH AVE LACHINE QUE	AGR DIP 1
BULLER IRVING 7579 QUERBES AVE MONTREAL QUE	B C L 1 GR 4990
BULLER WILLIAM KEITH CHILDRENS MEMORIAL HPTL 774 WELLINGTON ST LONDON ONT	MED DIPL 1
BULLOCK DAVID GORDON DOUGLAS HALL 113 NELSON ST BRANTFORD ONT	B A 4 UN 6 0218
BUNTING GEORGE RAPLEY DOUGLAS HALL 190 DUNVEGAN RD TORONTO ONT	B ENG 2 BE 7763
BUNTING HARRIET ANNE LEE ROYAL VICTORIA COLLEGE 190 DUNVEGAN ROAD TORONTO ONT	B SC P ED 2
BUNZL ARTHUR 495 PRINCE ARTHUR ST APT 5 MONTREAL QUE	M SC 1 LA 3528
BURAK NICHOLAS 713 11 AVE LACHINE QUE	D D S 1 NE5 47265
BURBIDGE BARBARA RUTH MACDONALD COLLEGE 3255 CEDAR AVE WESTMOUNT QUE	PARTIAL WE 1432
BURGER EDWARD JAMES JR DOUGLAS HALL 915 MILDREU AVE LORAIN OHIO U S A	B SC 3 PL 6073
BURGESS DIANA JOAN MACDONALD COLLEGE 379 BEATTY AVE VERDUN QUE	TCH ELEM 1 TR 7456
BURGESS JOHN HERBERT 639 MURRAY HILL WESTMOUNT QUE	B SC 3 EL 1641
BURGESS PETER WILLIAM 539 LANDOWNE AVE WESTMOUNT QUE	MD CM 3 GL 1546
BURGOYNE PETER NICHOLAS 1962 ST LUKE ST MONTREAL QUE	B SC 3
BURKE ERWIN LEWIS 3325 VAN HORNE AVE APT 11 MONTREAL QUE LYNN KENTUCKY U S A	MD CM 2 RE 3 2876
BURKE GERALD 5173 ST URBAIN ST MONTREAL QUE	B SC 3 CR 5952
BURKE JOHN ELSON MACDONALD COLLEGE 670 VICTORIA AVE WESTMOUNT QUE	B SC AGR 3
BURMAN ERNEST CHARLES 4450 MARCIL AVE MONTREAL QUE	B SC 3 EL 3114
BURNELL JEAN NAOMI Y W C A 25 W FERNWOOD AVE ST VITAL MAN	M S W 2
BURNETT ALASTAIR 5170 WEST HILL AVE APT 2 MONTREAL QUE	PH D 3
BURNETT ALVIN ALBERT MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 2
BURNETT SHIRLEY JOAN MACDONALD COLLEGE 322 14 AVE LACHINE QUE	TCH ELEM 1
BURNHAM KENNETH MARTIN 4193 MARCIL AVE N D G MONTREAL QUE	B ENG 1 DE 9246
BURNS DAPHNE MARGARET MACDONALD COLLEGE COOKSHIRE QUE	TCH INT 1
BURNS DONALD GEORGE 1580 OUIMOT ST APT 24 MONTREAL QUE	D D S 3 BY 7407
BURNS MARY ELEANOR A ROYAL VICTORIA COLLEGE 6 PARK ROAD ROCKCLIFFE ONT	B SC 2
BURROW MARTIN DUDLEY 5735 COTE DES NEIGES RD MONTREAL QUE	PH D 4
BURRUS ETIENNE HUBERT 477 VICTORIA AVE WESTMOUNT QUE	B SC 2 GL 2588
BURSHTYN HYMAN 4395 ST DOMINIQUE ST MONTREAL QUE	B A 2 BE 7259
BURSLEM MICHAEL R G 3737 HUTCHISON ST APT 5 149 BATH RD BRISTOL 4 ENG	B SC 2 MA 6796
BURT ANDREW 603 INVERNESS AVE MONTREAL 16 QUE	B COM 1 EX 4503
BURTON ERIC WALTER 1575 SUMMERHILL AVE MONTREAL QUE	B COM 2 WI 9768
BURTON FRANK ALAN 3473 UNIVERSITY ST MTL 7806 OUTREMONT AVE MONTREAL 15 QUE	B D 1 MA 4902
BURWASH EVELYN JOAN MACDONALD COLLEGE 3803 9TH ST S W CALGARY ALTA	B SC H EC 3
BURWELL ELEANOR ELIZABET 634 PRINCE ARTHUR W APT 2 MONTREAL QUE 440 KENNETH WILLOWDALE ONT	PARTIAL
BURWELL WILLIAM BRUCE 3851 UNIVERSITY ST MTL RENFREW ONT	MD CM 4 PL 5790
BUSBY BRIAN FRANCIS 3494 BROADWAY WEST MONTREAL QUE	B ENG 2 EL 9272
BUSBY ROBERT DOUGLAS 620 BEATTY AVE VERDUN QUE	B A 1 TR 5579
BUSCHLEN FREDERICK C 3485 MCTAVISH ST MTL ELORA ONT	D D S 1 BE 0424
BUSH WILLIAM NORMAN 221 STRATHEARN AVE MTL W 558 BAY ST OTTAWA ONT	B ENG COM 5 DE 1529
BUSSIERES PIERRE 8188 CASGRAIN AVE MONTREAL QUE	B ENG MCH 5
BUSTARD VICTOR WILLIAM 3429 PEEL ST MTL 64 PARK AVE QUELPH ONT	B SC 3 PL 7385
BUTERBAUGH DONA GRACE ROYAL VICTORIA COLLEGE ARAMCO DHAHRAN SAUDI ARABIA	B A 3 PL 0334

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
BUTLER MICHAEL ERIC SENNEVILLE QUE		B A 1
BUTLER PETER HOWARD 13 ELMWOOD AVE SENNEVILLE QUE	618	B ENG 2
BUTT ROBERT MURCELL DOUGLAS HALL 30 WEST VALLEY RD CORNER BROOK NFLD	PL 5285	MD CM 3
BUTT SADIE EVELYN 865 RICHMOND SQUARE MTL 123 PENNYWELL RD ST JOHNS NEWFOUNDLAND	WI 1583	M S W 3
BUTTERMAN NORMAN 4941 GROSVENOR AVE MONTREAL QUE		D D S 3
BUTTLE ALMA BERYL JEAN ROYAL VICTORIA COLLEGE CASILLA 808 ANTOFAGASTA CHILE	PL 0847	B SC 2
BUTZER KARL WILHELM 4314 ROSEDALE AVE N D G MONTREAL QUE	WA 6210	B SC 3
BUZZONI CARLOS SEBASTIAN 1477 CHOMEDY ST APT 3 MONTREAL QUE		B ENG 1
BYERS CARL JOHN R F D 1 NORTH HERO VERMONT U S A		B D 1
BYRNE JOSEPH AVILA E 81 SHERBROOKE ST E MONTREAL QUE	BE 1250	B SC 1

C

CABAL DORIS ROYAL VICTORIA COLLEGE CALLE 4A 11 73 COLOMBIA BUGA		B COM 1
CADET CHARLES MARIE E MACDONALD COLLEGE 32 BRAZIL ST CASTRIES ST LUCIA B W I		M SC 1
CAHILL LEO JOHN 4825 DESERABLES MONTREAL QUE		B ENG 2
CAHN NERENBERG SHIRLEY 311 TAIT ST VILLE ST LAURENT QUE		M SC 1
CAILLE MARIE HELENE 3425 RIDGEWOOD AVE MONTREAL QUE	AT 7235	B A 2
CAIN MICHAEL HANEY 3421 DRUMMOND ST MTL 341 DREAN AVE CHICOUTIMI QUE	LA 0950	B C L 3
CAINE WILLIAM PAUL 2910 MAPLEWOOD AVE APT 22 MONTREAL QUE	EX 1266	B ENG 1
CAINS JOHN LIGHTHALL 1522 SUMMERHILL AVE MONTREAL QUE	WI 3796	B COM 1
CAIRNS JOHN CAMERON 4050 HARVARD AVE MONTREAL 28 QUE	WA 2356	B COM 3
CAJAL VICTOR ALBERTO 628 DAVAAR AVE OUTREMONT QUE	CA 3856	B SC 3
CALANCHINI PHILIP RE 3636 DECARIE BLVD MTL 2425 E ST EUREKA CALIFORNIA U S A	EX 8853	MD CM 1
CALDBICK GEOFFREY A 1455 DRUMMOND ST MTL 92 HEMLOCK ST TIMMINS ONT		B A 4
CALDER NORMA ENGLAND 768 SHERBROOKE ST APT 17 SUMMERSIDE P R 2 P E I	LA 2466	MD CM 4
CALDER THOMAS LACHLAN 768 SHERBROOKE ST APT 17 706 6TH AVE NEW WESTMINISTER B C	LA 2466	MD CM 4
CALDERON DERICK 15 CALLE P 44 GUATEMALA GUATEMALA		B A 2
CALDWELL WILLIAM P B 168 PORTLAND AVE MONTREAL 16 QUE	AT 9901	B ENG 2
CALE JOHN WARREN 1564 STANLEY ST MTL 221A FOURTH ST SHAWINIGAN FALLS QUE	MA 2681	B ENG 2
CALETTI LORENZO 538 PRINCE ARTHUR W MTL 665 KING EDWARD AVE OTTAWA ONT	BE 0552	B ENG EL 4
CALLAGHAN JAMES WILBERT 295 MOUNTAIN RD MONCTON N B		D D S 2
CALOUDIS STAVROS 2019 STANLEY ST APT 16 MONTREAL QUE 21 ASKLIPIOU ST ATHENS GREECE	LA 8064	B ENG CIV 3
CALP PHYLLIS FRANCINE ROYAL VICTORIA COLLEGE 78 ORANGE ST SAINT JOHN N B	PL 0597	B A 1
CALVERT MORLEY FREDERICK 4710 DECARIE BLVD APT 40 MONTREAL QUE	HU 8 7554	PARTIAL
CALVIN JAMES WILLARD 419 PRINCE ARTHUR W MTL 145 HILLSIDE AVE PIEDMONT 11 CAL U S A	HA 1088	MD CM 2
CAMBIERI ROSA MARIANNA ROYAL VICTORIA COLLEGE APARTADO AERO 897 BARRANQUILCA COLOMBIA		B SC 2
CAMBRIDGE RONAN MALCOLM PRESBYTERIAN COLLEGE 133 LONG CIRCULAR RD PT OF SPAIN TRINIDAD B W I		B ENG PWR 5
CAMBRON EMILE ADRIEN 40 40TH AVE BAIS FILION TERREBONE CO QUE		B SC 4
CAMBRON HELENE BERTHE 994 CHERRIER MONTREAL 24 QUE	FR 5930	B SC 2
CAMERON DOROTHY JEAN MCLENNAN HALL 428 GLADSTONE AVE TORONTO ONT	PL 0044	M S W 1
CAMERON EDWARD LEE 3425 UNIVERSITY ST MTL 15 PRYOR ST HALIFAX N S	MA 7619	M ENG 1
CAMERON GORDON TAYLOR 5255 WALKLEY AVE 14 MONTREAL QUE	HU 8 5754	B ENG 2
CAMERON HAROLD 5200 WESTHILL AVE APT 12 N D G MONTREAL QUE	WA 9728	MED DIPL 3
CAMERON JOHN ARCHIBALD H 3653 UNIVERSITY ST MTL 36 RUSSELL AVE OTTAWA ONT	PL 2073	B SC 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CAMERON LOIS ELIZABETH 3425 UNIVERSITY ST APT 1 MONTREAL QUE	M A 1 MA 7619
CAMERON MARGARET E 1655 LINCOLN AVE APT 36 MONTREAL QUE	PARTIAL GL 1646
CAMERON MYRNA MARIE F ROYAL VICTORIA COLLEGE 72 UNION ST SAINT JOHN N B	B A 4
CAMERON PETER ALFRED G DOUGLAS HALL 26 DOUGLAS DR TORONTO ONT	B COM 4
CAMILLUS REV SISTER MARY ST MARYS HOSPITAL LACOMBE AVE MONTREAL QUE	PARTIAL AT 4795
CAMP EVELYN JOYCE 390 COTE DE LIESSE RD TOWN OF MT ROYAL QUE	B SC 1 AT 4232
CAMP MARYLIN CHASNEY 124 WOLSELEY AVE MONTREAL WEST QUE	M S W 2 DE 5154
CAMP THOMAS CHASNEY 124 WOLSELEY AVE MONTREAL WEST QUE	B C L 1 DE 5154
CAMPANELLI SERGE 1004 PRUDHOMME AVE N D G MONTREAL QUE	B ENG 2 WA 4198
CAMPBELL COLIN JR 3524 DUROCHER ST APT 3 MONTREAL QUE 12221 FAIRWAY DR LOS ALT CALIFORNIA U S A	MD CM 4 LA 9557
CAMPBELL COLIN GORDON 795 ST CLARE RD TOWN OF MT ROYAL QUE	B COM 2 EX 2008
CAMPBELL DAVID GORDON 251 WAVERLEY ST OTTAWA ONT	M A 2
CAMPBELL ELIZABETH JEAN 416 ALGONQUIN AVE TOWN OF MT ROYAL QUE	B A 2 EX 4111
CAMPBELL GEORGE ROSS MACDONALD COLLEGE 63 CORNWALL AVE TOWN OF MT ROYAL QUE	B SC AGR 1
CAMPBELL JAMES EWEN P O BOX 220 CHARLOTTETOWN P E I	M SC 2
CAMPBELL JAMES KENNETH 29 PALMERSTON TOWN OF MT ROYAL QUE	B ENG 1 EX 8357
CAMPBELL KEITH FRANCIS 12068 DEPATIC ST CARTIERVILLE QUE	EDUCATION 5 BY 3485
CAMPBELL LACHLAN ROSS 416 ALGONQUIN AVE TOWN OF MT ROYAL QUE	B ENG EL 3 EX 4111
CAMPBELL LAIRD BRUCE 3075 CEDAR AVE MONTREAL QUE	B ENG MCH 4 WI 7350
CAMPBELL LEWIS GERALD MACDONALD COLLEGE MARQUIS ESTATES ST LUCIA B W I	B SC AGR 3
CAMPBELL MARGARET JOAN 3520 MCTAVISH ST MONTREAL QUE	PARTIAL LA 7911
CAMPBELL MASON M 3430 CAVILLIER ST MTL	EDUCATION 5 AM 5447
CAMPBELL ROBERT BRUCE 356 BEACONSFIELD BLVD BEACONSFIELD QUE	B COM 3
CANDIB ARTHUR 70 PRINCE ARTHUR ST W MONTREAL QUE	M A 1 PL 2674
CANDLISH JOHN HENRY 43 TUNSTALL AVE SENNIVILLE QUE	B SC AGR 4
CANN GEORGE BROWN DOUGLAS HALL R R 3 YARMOUTH N S	B ENG CH 5
CANTIN JACQUES 1486 CHOMEDEY AVE APT 6 MONTREAL QUE 43 FRASER ST LEVIS QUE	B C L 4 WE 6481
CANTIN PAUL 1486 CHOMEDY MTL 43 FRASER ST LEVIS QUE	B ENG MET 3 WE 6481
CANTOR JOAN ROSALIE 5563 PARK AVE MONTREAL QUE	B A 1 GR 7141
CAPE EDMUND 4930 KENT AVE MONTREAL QUE	B A 3 EX 8563
CAPELOVITCH EDWARD M 5404 HUTCHISON ST OUTREMONT QUE	M A 2 CA 0453
CAPELOVITCH LAURENCE 4967 VICTORIA AVE MONTREAL QUE	GRAD QUAL 1
CAPLAN FRANCES 6077 WILDERTON AVE MONTREAL QUE	B A 2 AT 2045
CAPLAN HAROLD 4586 JEANNE MANCE ST MONTREAL QUE	B ENG 1 HA 4371
CAPLAN HAZEL 3738 THE BOULEVARD WESTMOUNT QUE	B A 1 DE 6018
CAPLAN JACOB HARRY 4634 JEANNE MANCE ST MONTREAL QUE	B ENG CIV 4 BE 6123
CAPLAN SYDNEY JOAN ROYAL VICTORIA COLLEGE 517 ISLAND PARK DR OTTAWA ONT	B A 1 PL 0956
CAPOGRECO VINCENT EDWARD MCGILL FIELD HOUSE 884 SOMERSET ST OTTAWA ONT	D D S 3
CAPPELLI ALDO SERGI 4849 CHABOT ST MONTREAL QUE	D D S 1 FA 1318
CAPSTICK JANET ROSS 5902 MACDONALD AVE HAMSTEAD QUE	B A 2 WA 3656
CARALOPOULOS NICHOLAS E 4505 COTE DES NEIGES RD APT 2 MONTREAL QUE	PH D 3 EX 1400
CARBALLEIRA ANDRES M 3508 DUROCHER ST MONTREAL QUE	M SC 2 MA 4352
CARBONNEAU COME 1430 ST DENIS ST MTL MONTREAL 36 QUE 4535 ORLEANS AVE	PH D 4 MA 5311
CARDOZA CARMEN CAROLE 3261 FORESTHILL AVE APT 18 MONTREAL QUE	B A 2 RE 3 1869
CAREY ANNE ELIZABETH 581 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B A 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CAREY JOCELYN MARGARET ROYAL VICTORIA COLLEGE 1259 W 48TH AVE VANCOUVER B C	PHYSIOTH 2
CAREY LAURA ELAINE 581 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B A 2 EX 5915
CARISSE J BERNARD 1495 MACKAY ST MONTREAL QUE	B C L 3
CARLAW DOUGLAS NORMAN 1 HAVERSTOCK RD MONTREAL QUE	B ENG 2 WA 8332
CARLIN JOSEPH THOMAS 3654 OXENDEN AVE MTL 107 LAKE AVE BLASDELL N Y U S A	B SC 3 HA 6827
CARLTON ROSEMARY M E 82 SOMERVILLE AVE WESTMOUNT QUE	B SC 2 EL 0316
CARMENT ELEANOR ANNE 3469 GREY AVE N D G MONTREAL QUE	PHYSIOTH 2 DE 5364
CARMICHAEL HUGH PHILLIP MACDONALD COLLEGE 4 MERTON CRESCENT HAMPSTEAD QUE	B SC AGR 2
CARNEIRO NELSON DE F 1001 SHERBROOKE ST W MTL FONTE CA SAUDADE 31 RIO DE JANEIRO BRAZIL	B COM 2 MA 7854
CARON GASTON GEORGES 3638 VERDUN AVE VERDUN QUE	PARTIAL PO 6 3409
CARON JOHN MICHAEL 103 MURRAY AVE GREENFIELD PARK QUE	B ENG 1 DR 1 9886
CARON TREVOR HARDING 77 SUNNYSIDE AVE WESTMOUNT QUE	B ENG 1 DE 1455
CARPENTER ALBERT ALDEN 3466 MCTAVISH AVE MTL 4 W WHEELOCK ST HANOVER N H	MD CM 3 LA 9533
CARPENTER GUY THOMAS 5317 WAVERLEY AVE MONTREAL 8 QUE	B ENG 1 CA 9487
CARRIERE GILLES E 8755 BELLERIVE ST MONTREAL QUE	M SC 2
CARRIERE RITA MARGARET 2085 UNION AVE MONTREAL QUE	M SC 1 BE 7636
CARRILLO EDUARDO 3429 DECARIE BLVD MTL SUR 15 33 CARACAS VENEZUELA S A	B ENG 1 EL 7109
CARRINGTON STANLEY B 3508 DUROCHER ST MTL WINDSOR ST GEORGE BARBADOS B W I	B ENG PWR 5 MA 4352
CARROLL JUNE STARR 3565 LORNE AVE APT 12 MONTREAL QUE 855 NO VERMONT AVE LOS ANGELES CALIF U S A	PH D 4
CARRUTHERS ERROL WEBSTER PRESBYTERIAN COLLEGE AUGUSTINE COVE P E I	M SC 1 MA 0141
CARRUTHERS FREDERICK R 3980 BENNY AVE APT 23 N D G MONTREAL QUE CO 3 R C E M E 440 KING ST W KINGSTON ONT	M ENG 1 DE 2710
CARRUTHERS IAN BLAKE 4562 HARVARD AVE MONTREAL 28 QUE	B COM 1 WA 6331
CARRUTHERS JOYCE K 4562 HARVARD AVE MONTREAL 28 QUE	B A 1 WA 6331
CARSON JOHN STANDISH 5235 COOLBROOK AVE MONTREAL 29 QUE	B COM 1 EL 9791
CARTER DOUGLAS RANDAL E 2070 LINCOLN AVE MTL EVERTON ST GEORGE BARBADOS B W I	MD CM 2 FI 9271
CARTER ELLEN MARETTE MACDONALD COLLEGE 44 CURZON AVE MONTREAL WEST QUE	B SC H EC 2
CARTER GEORGE FRANCIS E 3592 UNIVERSITY ST MTL PINE HILL ST MICHAEL BARBADOS BWI	GRAD QUAL 1 PL 2435
CARTER JOAN ELLEN MACDONALD COLLEGE 243 ST LAWRENCE AVE ST LAMBERT QUE	TCH INT 2
CARTIER JAMES A 4832 WILSON AVE MONTREAL QUE	B C L 2 EL 4462
CARTWRIGHT DONALD SAMUEL I U C F PEEL ST MTL P O BOX 1079 NASSAU N P BAHAMAS	B ENG 1
CARTWRIGHT RAYMOND ARTHU 483 WILLIBRORD AVE VERDUN QUE	B C L 2 YO 7355
CARTY MAURICE FREDERICK WILSON HALL 160 WAVERLEY ST OTTAWA ONT	B ENG EL 4
CARUSO IRVING 5845 MACDONALD AVE MONTREAL QUE	B ARCH 3 RE 3 3012
CASH DONALD 850 42ND AVE LACHINE QUE	B ARCH 6 NE5 4246M
CASSAR LOUIS 3473 UNIVERSITY ST MTL 376 QUEBEC ST SHERBROOKE QUE	MD CM 4 MA 4902
CASSELMAN THEODORE D 130 PRINCE ARTHUR ST W APT 9 MONTREAL QUE	B SC 2 MA 2670
CASSIDY RICHARD EARL 5964 TERREBONE AVE MONTREAL 28 QUE	B SC 1 WA 6562
CASTLE JOHN PETER H DOUGLAS HALL 2181 BOIS JOLI AVE SILLERY QUE	B COM 4 BE 0977
CASTRO CELSO 28 NELSON AVE CARRERA 14 32 15 APTO 20 BOGOTA COLOMBIA S A	B ENG MI 3 CR 7068
CASWELL CHARLES F 26 SPRINGFIELD AVE WESTMOUNT QUE	B ENG PHY 3 GL 4126
CATER JOHN WHITE 3539 LORNE AVE MTL 550 PARK AVE NEW YORK CITY N Y U S A	B ENG MCH 3 MA 2969
CATHCART VERNA EILEEN MACDONALD COLLEGE VILLE ST GEORGES BEAUCE CO R R 2 QUE	TCH ELEM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CATTERILL THOMAS BRIAN DOUGLAS HALL 109 FARADAY ST OTTAWA	MD CM 3
CATTERSON ALISTAIR G 2066 CLAREMONT AVE MTL FARNHAM QUE	MD CM 1 EL 5119
CATTO GERALD NOEL JOHN MACDONALD COLLEGE 55 MONTEE STE MARIE ST STE ANNE DE BELLEVUE QUE	B ENG 1
CAVERHILL JOHN WARWICK 5268 COTE ST ANTOINE RD MONTREAL QUE	B SC 4 DE 9523
CAVEY LORNA JULIETTE ROYAL VICTORIA COLLEGE ELDERSLIE THORNHILL ONT	B A 1 PL 0334
CAZELAIS CHARLES 5050 GARNIER MONTREAL 34 QUE	B COM 2 CH 3292
CECCHINI ROLANDO ALDO 7395A DENORMANVILLE ST MONTREAL QUE 55 DEFORD ST SHAWINIGAN FALLS QUE	B ENG 1 GR 2333
CENNE IVARS 5280 BYRON ST MONTREAL QUE	B SC 1 HU 8 4469
CERNY MARIA ELIZABETH 92 LAKESHORE RD MONTREAL 33 QUE	B SC 3
CHADWICK EDWARD A M 7 INGLESIDE AVE WESTMOUN 526 ROSELAWN AVE TORONTO ONT	B ENG 2 WE 1671
CHADWICK MARY CARDEN 18 RAMEZAY RD WESTMOUNT QUE	PARTIAL FI 7891
CHAIKELSON MORRIS 5901 JEANNE MANCE ST MONTREAL QUE	B C L 1 CA 5440
CHALIFOUX JOSEPH ROLAND 3958 LAFONTAINE ST MONTREAL 4 QUE	B ENG MET 4 FA 2909
CHALLIS THOMAS WILLIAM 4058 GREY AVE MTL NORTH BEND B C	MED DIPL 1 WA 5514
CHALONER DONALD CAMERON 4841 ROSEDALE AVE MONTREAL QUE	D D S 3 EL 9647
CHAMBERLAIN DONALD A 4399 KING EDWARD AVE MONTREAL QUE	B ENG CIV 4 EL 8856
CHAMBERS CAROL RUDOLPH 481 PRINCE ARTHUR MTL 800 N COLOMBIA UNION CITY INDIANIA U S	MD CM 1 PL 0320
CHAMBERS HARRIET AGNES 2025 YALE STATION NEW HAVEN CONN U S A	M SC 2
CHAMBERS ROBERT DOUGLAS 641 VICTORIA AVE WESTMOUNT QUE	B A 4 EL 3973
CHAMPAGNE GUY BERNARD 631 18TH AVE LACHINE QUE	B ENG CIV 5 NE5 3402J
CHAMPION JOAN MAY MACDONALD COLLEGE 7122 SOMMERLED AVE N D G MONTREAL QUE	B SC H EC 3
CHAPLIN JAMES DHU 1514 CRESCENT ST MTL 97 CONCESSION ST GALT ONT	B COM 1 MA 7547
CHAPLIN JEAN KATHLEEN MACDONALD COLLEGE ABBOTSFORD QUE	B SC H EC 1
CHAPLIN JOHN PETER MACDONALD COLLEGE ABBOTSFORD QUE	B SC AGR 4
CHAPMAN HARRY HERBERT MACDONALD COLLEGE 30 DUKE ST TRURO N S	B SC AGR 3
CHAPPEL CLIFFORD IAN 3556 STE FAMILLE ST MONTREAL QUE	PH D 2 LA 7703
CHARALAMBAKIS SARANTIS 3504 DUROCHER ST MTL 335 DES FORGES ST THREE RIVERS QUE	M SC 1
CHARASZ JERZY 5352 PARK AVE APT 24 MONTREAL QUE	B ENG PWR 5 GR 2766
CHARBONNEAU LOUISE 6367 CHAMBORD ST MONTREAL QUE	PARTIAL DO 2119
CHARLAP CARL 5687 PARK AVE MONTREAL QUE	B ARCH 3 DO 7142
CHARLES CHRISTINE M 3440 SHUTER ST APT 2A MONTREAL QUE 43 NELSON ST HAWKESBURY ONT	M SC 1 HA 4367
CHARLES SALEM 3439 DRUMMOND ST MTL 456 6TH AVE GRAND MERE QUE	B ENG 2 BE 0563
CHARNESS GERALD N F 6240 DEACON RD MONTREAL QUE	B C L 1 EX 1320
CHARNETSKY PEARL 5851 ESPLANADE AVE MONTREAL QUE	B C L 3 CR 5210
CHARNEY GERALD 6294 DE VIMY MONTREAL QUE	B ENG 2 AT 1840
CHARNEY MELVIN 6292 DE VIMY AVE MONTREAL 8 QUE	B ENG 1 AT 7452
CHAROW ISADORE 781 STUART AVE OUTREMONT QUE	B ENG MCH 5 CA 2901
CHARRETTE JOSEPH OMER R 5731 DES PLAINES AVE MONTREAL QUE	B ENG 1 CL 9854
CHARTERIS JOAN NANCY F 1525 ST MARK ST MONTREAL 25 QUE	B A 4 FI 3828
CHARTIER GUY 1427 BENNETT MONTREAL QUE	B ENG 1 CL 7438
CHARTIER MARCEL 40 A ST AIME ST LOUISEVILLE QUE	B COM 1
CHARTRAIN JEAN 258 SHERBROOKE ST W MTL 1022A STE ANGELE TROIS RIVIERES QUE	B COM 2 BE 7102
CHARTRAND CONSTANCE 12435 DION ST MONTREAL QUE	B SC 1 BY 7860
CHASSE JOSEPH RENE C A 305 15TH AVE LACHINE QUE	B ENG 1 NE5 1045J
CHATTEN JANE ROYAL VICTORIA COLLEGE 64 EAST 80 ST NEW YORK 21 N Y U S A	B SC 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CHAUVIN JOHN HENRY M 2168 SHERBROOKE STW APT 8 MONTREAL QUE	B ENG MCH 5 WE 6590
CHAVES AFFONSO G F 1001 SHERBROOKE ST W MTL RUA SOROCABA 570 AP 102 RIO DE JANEIREO BRAZIL	B ENG CH 4 MA 7854
CHAZENAS PAULINE 499 COTE ST CATHERINE RD MONTREAL QUE	M S W 2 VI 1337
CHEESEMAN DONALD ROSS 234 WESTMINISTER AVE MONTREAL WEST QUE	B COM 2 DE 5640
CHEGWIN ETHEL DOROTHY 3578 A PEEL ST MTL 3032 GARNET ST REGINA SASK	B N 1 BE 1287
CHEIFETZ PHILIP NATHAN 770 OUTREMONT AVE OUTREMONT QUE	B SC 1 DO 2735
CHEN INEZ PATRICIA ROYAL VICTORIA COLLEGE 12A KEW RD HALF WAY TREE P O JAMAICA B W I	B A 3 PL 0327
CHENAULT CHARLES BRANDON 419 PRINCE ARTHUR ST MTL 363 NORTH MAIN ST WELLSVILLE NEW YORK U S	MD CM 1 HA 1088
CHENEVERT GUY JOHN RESERVE UNIVERSITY SQUAD 170 BLVD PIE X11 BEAUPORT QUE	B SC 4
CHENEVERT PAUL A 536 AVE OUTREMONT OUTREMONT QUE	B COM 1 DO 6629
CHENG JUNE ROYAL VICTORIA COLLEGE 134 AUSTIN RD KOWLOON HONGKONG CHINA	PHYSIOTH 1 PL 0334
CHENG MARGARET WEICHZ MCLENNAN HALL 51 ROBINSON RD HONG KONG CHINA	M S W 1 PL 0044
CHENIER GERARD 8612 DROLET ST MONTREAL QUE	B C L 3
CHEROW MIRIAM 1327 DUCHARME AVE MONTREAL QUE	B A 1 TA 2190
CHEVALIER PAUL ARTHUR HOTEL DIEU HOSPITAL QUE 1157 PORTLAND AVE SHERBROOKE QUE	MED DIPL 2 2 5631
CHILD WENDY ALICE 36 CAMPBELL AVE MONTREAL WEST QUE	B A 3 WA 5588
CHILDE CYRIL HUMPHREY J 3508 UNIVERSITY ST MTL BANFF ALBERTA	B SC 4 HA 4873
CHILDE EDWARD ARTHUR 3454 HUTCHISON ST MTL 438 WATERLOO ST WINNIPEG MAN	MD CM 1 HA 8841
CHIN DORIS MAY MACDONALD COLLEGE 33 ST JAMES ST MONTEGO BAY JAMAICA B W I	B SC H EC 2
CHIN ROY RUDOLPH 1180 DRUMMOND ST MTL 24 PRINCESS ST GEORGETOWN BRITISH GUIANA	B SC 2
CHIN WILFRED CONSTANTINE 550 MILTON ST APT 6 MTL INNSWOOD CONSTT SPGS P O JAMAICA B W I	MD CM 3 LA 7002
CHIPMAN JULIAN C C 3550 PEEL ST MONTREAL QUE	B C L 2 LA 0895
CHISHOLM ANN MARY MACDONALD COLLEGE 64 MARLOWE CRESCENT OTTAWA ONT	B SC H EC 1
CHISLETT MYRNA OLIVE 3480 TRENHOLME AVE MONTREAL QUE	B SC 2 EL 4486
CHIVERS PATRICIA MARY 4680 DOHERTY AVE MONTREAL QUE	B A 2 EL 4490
CHOMYN JOHN ALEXANDER W 4036 VENDOME AVE MTL CARPENTER SASK	D D S 2 EL 0889
CHOQUETTE LAURENT PAUL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 4
CHOQUETTE ROMAIN PHILIP 4130 WILSON AVE MONTREAL QUE	B C L 1 DE 7465
CHORAS PETER THEODORE 1514 CRESCENT ST MTL 94 CURTIS ST ST THOMAS ONT	B SC 1 MA 7457
CHOUINARO DENIS JACQUES 8344 ST GERARD MONTREAL QUE	B COM 4 DU 4276
CHOW DAVID YIK FU 1441 DRUMMOND ST MTL LANS GARDEN 68 RIDEAU ST OTTAWA ONT	M ENG 2 MA 4171
CHRISTENSEN HJORDIS I 5103 WESTERN AVE MONTREAL QUE	B SC 4 DE 2236
CHRISTIE STANLEY GEORGE 2100 MARLOWE AVE N D G MONTREAL QUE P O BOX 126 NASSAU BAHAMAS B W I	MD CM 4 DE 3571
CHRISTIE WILLIAM CHARLES MACDONALD COLLEGE R R 2 THETFORD MINES QUE	B SC AGR 2
CHRISTMAN ERIC FRANCIS 428 SHERBROOKE ST APT 21 201 BROCK ST DRUMMONDVILLE QUE	B ENG MCH 3 MA 4843
CHROM VIVIAN HANANIAH 88 DULUTH AVE W MTL 3 WOLFSON ST MT CARMEL HAIFA ISRAEL	B SC 3 PL 2894
CHRYSSOULAKIS MICHAEL C 3615 UNIVERSITY ST MONTREAL QUE	B A 2 HA 0044
CHU DODD QUAN 3610 DUROCHER ST APT 27 2442 MAIN ST VANCOUVER B C	MED DIPL 3 PL 1627
CHUNG WALLACE BAKFU DOUGLAS HALL 557 CORMORANT ST VICTORIA B C	MD CM 4
CHURCH GEORGE LESLIE 5115 CUMBERLAND AVE MONTREAL QUE	B ENG 2 DE 5012
CHURCH GERALD BAXTER 5115 CUMBERLAND AVE MONTREAL QUE	B ENG 2 DE 5012
CHURCH PETER HORSFALL 289 STANLEY AVE ST LAMBERT QUE	EDUCATION 5
CHURCH RUNA MAY 3425 STANLEY ST APT 302 MONTREAL QUE	GR N CERT 1 LA 2639

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CIACCIA JOHN 3447 HARVARD AVE N D G MONTREAL QUE	B A 4 WA 2342
CIPERA JOHN THOMAS 1441 DRUMMOND ST MTL 170 MCLELLAN AVE TRENTON ONT	PH D 3 MA 4171
CLARE VIRGINIA CAMERON ROYAL VICTORIA COLLEGE 600 EAGLE ST PRESTON ONT	B SC P ED 2
CLARK DAVID BALDWIN 14 ST MATHIEU ST VILLE ST LAURENT QUE KAPUSKASING ONT	MD CM 1 BY 1173
CLARK DAVID SEDGEFIELD MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
CLARK EDWARD ANDREW 766 RIVERVIEW AVE VERDUN QUE	B ENG MCH 4 TR 1780
CLARK GORDON ALVORD 4682 GROSVENOR AVE MONTREAL QUE	B ENG 1 HU 8 5087
CLARK IAN CHRISTIE 3637 UNIVERSITY ST MTL 242 DUNVEGAN RD TORONTO ONT	B A 4 HA 1736
CLARK JAMES WARD WILSON HALL 639 15TH ST SOUTH LETHBRIDGE ALTA	B A 4 UN 6 0267
CLARK JOHN DRABBLE 8672 BLOOMFIELD AVE MTL 1021 NORTH GLENDALE AVE GLENDALE CAL U S A	B COM 4 TA 6456
CLARK JOSEPH GEORGE 3474 MCTAVISH ST MTL 1516 HATLEY ST OTTAWA ONT	B ENG 2
CLARK MARGERY ALLISON ROYAL VICTORIA COLLEGE 681 ST URSULE ST THREE RIVERS QUE	B A 3 PL 0495
CLARK PATRICIA ANNE MACDONALD COLLEGE MOUNTAIN ONT	B SC AGR 4
CLARK RONALD MORRIS 3501 ADDINGTON AVE MONTREAL QUE	B COM 2 DE 1484
CLARK SAMUEL SMITH 3434 MCTAVISH ST MTL 1703 W GILPIN DRIVE WILLOW RUN WILMINGTON 6 DELAWARE U S A	B SC 3 PL 4492
CLARKE HAROLD DIGBY T 5406 CLANRANALD AVE MONTREAL QUE	B SC 2 EL 3021
CLARKE JEAN ANN ROYAL VICTORIA COLLEGE WORTHY PARK EWARTON JAMAICA B W I	B COM 1 PL 0597
CLARKE MARGARET EVELYN MACDONALD COLLEGE HENBURY PINE HILL ST MICHAEL BARBADOS BWI	B SC H EC 4
CLARKE PETER MACRAE 5044 NOTRE DAME DE GRACE MONTREAL 28 QUE	B ENG MI 3 WA 2832
CLARKE PETER JOHNSTON 4344 BEACONSFIELD AVE MONTREAL QUE	B SC 1 EL 2344
CLAXTON HELEN JANE ROYAL VICTORIA COLLEGE 190 MACLAREN AVE OTTAWA ONT	B A 2 MA 0858
CLAY CHARLES KEITH MACDONALD COLLEGE 46 ST PETERS RD CHARLOTTETOWN P E I	B SC AGR 4
CLAYDEN GERALD R 1942A CLINTON AVE MONTREAL QUE	MED DIPL 2 EX 6077
CLAYMAN ISADORE 4145 PLAMONDON AVE APT 5 MONTREAL QUE	B SC 3 RE 3 0148
CLAYTON BLANCHE PETITE 495 PRINCE ARTHUR ST W APT 10 MONTREAL QUE BOX 307 DEPP RIVER ONT	PH D 5
CLEARIHUE JOYCE GOLDING 3517 HUTCHISON ST MTL 2445 LANSDOWNE RD VICTORIA B C	MD CM 4 PL 6905
CLEGG LESLIE KENT 651 VICTORIA AVE WESTMOUNT QUE	B ENG 1 EL 1434
CLEGHORN JOHN MAUMOCH 3160 ST SULPHICE RD MONTREAL 25 QUE	B A 3 WE 5000
CLEGHORN SHEENA 3160 ST SULPICE RD MONTREAL QUE	PARTIAL WE 5000
CLEMAN A MERLE 810 HARTLAND AVE MONTREAL QUE	B A 2 EX 1522
CLEMENT JEAN JACQUES 4523 PONTIAC MTL ST JUSTIN QUE	B COM 2
CLEMENT O NEIL BYRNE 9083 LASALLE BLVD VILLE LASALLE QUE	B ENG 1 WA 5478
CLERMONT BERNARD LOUIS 18 BELOIL AVE OUTREMONT QUE	B C L 4 GR 6531
CLERMONT YVES WILFRID 158 MONTENACH ST LONGUEIL QUE	PH D 4 OR 4 4455
CLEVELAND EDWARD M D 3651 DUROCHER ST APT 12 MONTREAL QUE	PH D 1 HA 6348
CLIFF JUDITH BRODIE 4772 UPPER ROSLYN AVE MONTREAL QUE	B A 3 DE 5708
CLIFF MARY ALISON 4772 UPPER ROSLYN AVE MONTREAL QUE	B A 1 DE 5708
CLIFFORD CHARLES EDWARD 3430 STE FAMILLE ST MTL 78 MARLOWE CRESCENT OTTAWA ONT	M SC 1 LA 0676
CLIMAN ZAVE MURRAY 5885 SOVART APT 10 MONTREAL QUE	B COM 2 AT 8616
CLINCH HENRY ALEXANDER 1441 DRUMMOND ST MTL VICTORIA B C	M A 3
CLOUTIER ALBERT MACLEOD 3640 HUTCHISON ST MONTREAL QUE	MED DIPL 1 LA 9828
CLOUTIER JOSEPH A R 2153 BERNARD BLVD TETREAULTVILLE MTL QUE	M SC 1 TU 3110
CLOWATER ROBERT ANGUS ROYAL VICTORIA HOSPITAL 1633 LINCOLN AVE APT 3 MONTREAL QUE	MED DIPL 2 PL 1251
CLOWES EMILY MYRA MCLENNAN HALL 916 W BROADWAY VANCOUVER B C	B L S 1 PL 0044

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CLYKE STANLEY AUGUSTUS 5325 WEST BROADWAY BLVD N D G MONTREAL QUE	M S W 1 WI 0295
COATES DONALD FRANCIS 3490 MCTAVISH ST MONTREAL QUE	M ENG 1 HA 6006
COBBAN ALISON MURRAY 4865 HARVARD AVE N D G MONTREAL QUE	B A 2 EL 8278
COCHRANE EVERETT GEORGE 4341 MELROSE AVE MONTREAL 28 QUE	M A 1 WA 4933
CCCK LORNE MACINTOSH MACDONALD COLLEGE R R 1 TATAMAGOUCHE N S	B SC AGR 3
CODRINGTON WALTER R L 3545 UNIVERSITY ST APT 4 MONTREAL QUE BRITTING CROSS RD ST MICHAEL NO 16 BARB B W I	B SC 3
COEN ELAINE ESTHER 4630 MELROSE AVE N D G MONTREAL QUE	B A 4 EL 8792
COFFEY ROBERT GEORGE 440 LANSDOWNE AVE WESTMOUNT QUE	B COM 1 GL 1149
COFFIN ALTHEA FISHERIES EXPER STATION HALIFAX N S	M SC 3
COFFIN DAVID EARLE MACDONALD COLLEGE MORELL P E I	B SC AGR 4
COFFIN LEIGH BOYLE MACDONALD COLLEGE FAREWELL COVE GASPE COUNTY QUE	TCH INT 1
COHEN ARTHUR 5859 HUTCHISON MONTREAL QUE	B ENG MET 3 CR 1648
COHEN AVIVA ANNIE 5237 PARK AVE APT 3 MONTREAL QUE	B SC 1
COHEN AVRUM IRWIN 785 WISEMAN AVE APT 10 OUTREMONT QUE	B A 4 TA 1202
COHEN CONRAD DAVID 4880 CIRCLE RD MONTREAL QUE	B COM 1 DE 1991
COHEN DAVID 45 ABERDEEN AVE MONTREAL QUE	B COM 3 WE 9086
COHEN DOUGLAS MYRON 820 UPPER BELMONT MONTREAL QUE	B C L 2 EL 9179
COHEN EDITH ANN 820 UPPER BELMONT AVE MONTREAL QUE	B A 1 EL 9179
COHEN GORDON DOUGLAS 4973 GROSVENOR AVE MONTREAL 6 QUE	B COM 1 AT 8152
COHEN HOWARD BENJAMIN 5406 GROVEHILL PLACE MONTREAL 28 QUE	B SC 1 EL 2095
COHEN IRWIN CYRIL 424A ST JOSEPH BLVD W OUTREMONT QUE	B A 3 CA 8824
COHEN JACK 7995 BIRNAM AVE MONTREAL QUE	B SC 2 GR 0703
COHEN LAWRENCE FREDERICK 4855 QUEEN MARY RD APT 1 MONTREAL QUE	B COM 1 AT 7140
COHEN LAWRENCE NORMAN 705 OUTREMONT AVE APT 1 OUTREMONT QUE	D D S 1
COHEN LEONARD NORMAN 599 BELMONT AVE WESTMOUNT QUE	B COM 2 WA 5492
COHEN MARVIN 4853 JEANNE MANCE ST MONTREAL QUE	B ARCH 3 TA 4757
COHEN MIRIAM 2155 BARCLAY AVE MONTREAL QUE	B A 2 AT 4918
COHEN MITCHELL NESS 4775 UPPER ROSLYN AVE MONTREAL QUE	PARTIAL WA 1309
COHEN RHODA 3549 ST FAMILLE ST APT 2 MONTREAL QUE	B SC 3 PL 4021
COHEN RHODA 492 BLOOMFIELD AVE OUTREMONT QUE	B A 1 CR 7381
COHEN ROBERT 41 SOMERVILLE AVE WESTMOUNT QUE	B COM 3 DE 5881
COHN DOREL 532 MILTON ST MONTREAL QUE	B ARCH 6
COHOS MARTIN 1027 PRAM AVE OUTREMONT QUE	B ENG 1 RE 3 3977
COIT KATHARINE R V C 31 BREWSTER ST CAMBRIDGE 38 MASS U S A	B A 4
COKE JAMES EDWARD 305 STRATHEAM AVE MONTREAL QUE	B ENG PWR 5 DE 9460
COLAS HENRI ALFRED 4575 MARCIL AVE MONTREAL QUE	B COM 4 EL 7850
COLE DONALD LLOYD MACDONALD COLLEGE 161 RIDDELL ST WOODSTOCK ONT	B SC AGR 2
COLE NANCY RUTH 44 DUFFERIN RD HAMPSTEAD QUE	PHYSIOTH 1 EL 4433
COLES CLIFFORD HARRY 3646 LORNE CRES MTL BOX 27 WEST SWANZEY NEW HAMPSHIRE U S A	PH D 2 HA 2547
COLETSOS JOHN DEMETRIUS 5550 SHERBROOKE STW MONTREAL QUE 590 ANACREONDOS ST KALLITHEA ATHENS GREECE	B ENG 1 DE 0068
COLL DAVID CLARENCE 313 MERCILLE AVE ST LAMBERT QUE 107 BURPEE AVE SAINT JOHN N B	B ENG PHY 3 OR 1 8551
COLLARD JACQUES R G ST ELZEAR LAVAL CO QUE 266 RUE D LESPERANCE LEIGE BELGUIM	B ENG 2 MO 4 3987
COLLIER MARTIN DENISON 64 ROSEMOUNT CRESCENT WESTMOUNT QUE	B ENG MCH 4 FI 4252
COLLINS CAMILLA OLIVE MACDONALD COLLEGE MANOTICH STATION ONT	HOMEMAKER 1
COLLINS CAROL A ROYAL VICTORIA COLLEGE 1046 WENDELL AVE SCHENECTADY N Y U S A	PHYSIOTH 2 PL 0334

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NAME ADDRESS	COURSE & YEAR TEL. NO.
COLLINS DAVID LARKHAM 3647 UNIVERSITY ST MTL 7180 OAK ST VANCOUVER 14 B C	MD CM 3 MA 2806
COLLINS FRANK LOUIS PRESBYTERIAN COLLEGE 514 NORTH BOSART AVE INDIANAPOLIS 1 IND U S A	M A 1 MA 0141
COLLINS GEORGE JAMES 521 PRINCE ARTHUR ST MTL 1119 BROUGHTON ST VANCOUVER B C	D D S 1 MA 0856
COLMAN MICHAEL JOHN 7605 CHRISTOPHE COLOMB S MONTREAL QUE	B ENG 1
COLTER CARLA KATHLEEN A ROYAL VICTORIA COLLEGE BOX 158 BURFORD ONT	B A 2 PL 0847
COLVIN ISABEL TREMINIA 130 PRINCE ARTHUR ST APT 6 MONTREAL QUE BOX 6 REGINA BEACH SASK	GR N CERT 1 BE 5621
COMEAU JOSEPH ERIC MACDONALD COLLEGE METEGHAN RIVER DIGBY CO N S	B SC AGR 4
COMPLIN NANCY 578 CLAREMONT AVE WESTMOUNT QUE	B SC 1 DE 6066
COMJA RADU PETER 3375 RIDGEWOOD AVE APT 206 MONTREAL QUE	ENG 1
COMSTOCK MARGARET A ROYAL VICTORIA COLLEGE 132 SECOND AVE GLOVERSVILLE N Y U S A	B SC 1
CONGER NANCY LOUISE MACDONALD COLLEGE 253 MCLEOD ST OTTAWA 4 ONT	B SC H EC 4
CONKLIN JAMES FRANKLIN SHERATON APTS STANLEY ST MTL QUE R R 6 PARIS RD BRANTFORD ONT	B ENG 1
CONN JOHN JASPAR 708 N MAY ST FORT WILLIAM ONT	PH D 5
CONNER GWENDOLYN ALMA MACDONALD COLLEGE NORTH HATLEY QUE	TCH ELEM 1
CONNERY GERALD THORN 378 43RD AVENUE LACHINE QUE	B ENG 2 NE5 1634W
CONNOLLY ANNE STUART 695 GROVERNOR AVE WESTMOUNT QUE	B A 4 EL 4500
CONNOLLY MARY EILEEN MCLENNAN HALL MR L CONNELLY BOX 43 NEW GLASGOW N S	B L S 1 PL 0044
CONNOR SANDRA ANNE ROYAL VICTORIA COLLEGE PICKLE CROW ONT	B A 2
CONRAD SHIRLEY ANNE 5369 EARNSCLIFFE AVE MONTREAL 29 QUE	B SC 4 EL 2183
CONSTABLE PETER 3581 UNIVERSITY ST MTL MCMASTERVILLE QUE	B SC P ED 2 MA 3842
CONSTANTINE EDITH CLAIRE 2029 BARCLAY AVE MONTREAL QUE	B A 4 AT 9154
CONVERSE JOHN LAMONT 157 GLENCOE AVE TOWN OF MT ROYAL QUE	B ENG 1 EX 5634
CONWAY ALFRED DENIS 4878 WILSON AVE MONTREAL 29 QUE	B ARCH 6 EL 4123
COOIL MARY KATHLEEN 37 LAGACE ST STRATHMORE QUE	B A 1
COOK ELVA C 1452 MATTHEW ST APT 2 MONTREAL QUE	M S W 1 WE 1811
COOK FREDERICK RICHARD 246 CARLYLE AVE TOWN OF MT ROYAL QUE	B ENG 1 AT 3886
COOK JOHN FRANCIS 1441 DRUMMOND ST MTL 3629 NEW HAMPSHIRE AVE N W WASHINGTON 10 D C U S A	B F A 4 MA 4171
COOK ROBERT JAMES WILSON HALL SPANISH POINT BERMUDA	B ARCH 3 PL 0150
COOKE JOHN WILLIAM 3581 HUTCHISON ST MONTREAL QUE	B ARCH 6 HA 5807
COOKE WILLIAM RICHARD 3615 LORNE CRESENT MTL SPANISH POINT PEMBROKE BERMUDA	MD CM 1 HA 9914
COOKSON DOROTHY MARY 4585 PARTHENAIS AVE MONTREAL QUE	B SC 4 CH 6821
COOMBS LESLIE 3610 ST URBAIN ST MTL SHOAL CAOVE WEST STRAIT OF BELLE ISLE NEWFOUNDLAND	M A 1 HA 6471
COOPER BASIL JAMES W 1565 PINE AVE WEST MTL 33 EASTBURY AVE NORTHWOOD MIDDS ENGLAND	B SC 2 WI 2588
COOPER BERNARD AARON 32 SPRINGFIELD AVE WESTMOUNT QUE	MD CM 4 GL 4086
COOPER CELIA B 32 SPRINGFIELD AVE WESTMOUNT QUE	B A 3 GL 4086
COOPER CORNELIUS O MORRIS PITTS BAY RD BERMUDA	B SC 1
COOPER GERALD 967 PRATT AVE OUTREMONT QUE	B C L 1 AT 1936
COOPER GERALD ERNEST 1034 SHERBROOKE ST W MONTREAL QUE	PH D 3
COOPER JACK WILLIAM 840 51ST AVE LACHINE QUE	B SC 1
COOPER VERA ELIZABETH MCLENNAN HALL 12 B J RD CENTRAL BLDGS POONA INDIA	PH D 2 PL 0044
COOPERBERG ARLENE 759 STUART AVE OUTREMONT QUE	BA 2 DO 5587
COOPERMAN HARVEY MYER 4615 RIDGEVALE AVE APT 3 MONTREAL QUE	B COM 2 EX 0978
COPE DONALD FREDERICK 13 NORTHCOTE RD HAMPSTEAD QUE	B A 2 DE 6859
COPLAND ALASDAIR BIRNIE 4170 D URFE ST MONTREAL 32 QUE	B SC 2 NE5 4419J

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NAME ADDRESS	COURSE & YEAR TEL. NO.
COPNICK CORINNE HEATHER 5015 HINGSTON AVE MONTREAL QUE	B A 1 WA 1611
CORBEIL JOSEPH MAURICE 5156 DES ERABLES AVE MONTREAL QUE	B ENG PHY 3 HO 8481
CORBETT JAMES FRANCIS 7434 BOYER ST MONTREAL QUE	B A 2
CORBY CAROL JANET 4490 RIDGEVALE AVE APT 8 MONTREAL 26 QUE	B SC 2 AT 6886
CORENBLUM DELORES ROYAL VICTORIA COLLEGE 1232 8 AVENUE SOUTH LETHBRIDGE ALTA	B A 4 PL 0526
CORKERY JOHN MICHAEL MACDONALD COLLEGE 30 SUNSET BLVD OTTAWA ONT	B SC AGR 2
CORLEY NORA TERESA 703 ROSLYN AVE WESTMOUNT QUE	M A 2 EL 6766
CORMIER CLAUDE 876 RICHARD TROIS RIVIERES QUE	B ENG 1
CORN HARVEY ALLEN 5347 BRODEUR AVE N D G MONTREAL QUE	B A 4 EL 5679
CORNWALL FREDERICK W D 4QT KIMBLE CAPE TOWN S AFRICA	M SC 2
COSFORD EDWIN JOSEPH 3940 COTE DES NEIGES RD MONTREAL QUE	B C L 4 FI 9504
COSGROVE WILLIAM JOSEPH 3506 UNIVERSITY ST MTL P O BOX 53 MARATHON ONT	B ENG CIV 3 UN 6 0247
COSSETTE VICTOR M 4288 CHRISTOPHE COLOMB MONTREAL QUE	B ENG 2 HO 2182
COSTANZO EDMUND EMILE 7054 ST LAWRENCE BLVD MONTREAL QUE	B ENG CIV 5 VI 1401
COSTELLO STEPHEN DAVID 3288 ST ANTOINE ST MONTREAL QUE	MD CM 3
COSTIGAN RICHARD PATRICK 4406 HARVARD AVE MTL BELL ISLAND NFLD	B ENG CH 4 WA 6112
COTE GEORGE HENRY 25 CHESTERFIELD AVE MONTREAL QUE	PARTIAL WA 7076
COTE JOHN JAMES 25 CHESTERFIELD AVE WESTMOUNT QUE	B SC 1 WA 7076
COUGNARD JACQUES JEROME 2171 ST LUKE MTL 20 VILLA MADRID NEIULLY SEINE FRANCE	B ENG EL 3 WI 6848
COULSON FREDERICK BARKER MACDONALD COLLEGE LA GABELLE QUE	B SC AGR 4
COULTER PHILIP EDWARD 53 HIGH PARK AVE TORONTO ONT	B ENG 2
COUPLAND JAMES GEORGE DOUGLAS HALL 142 JULIANA RD ROCKCLIFFE PK OTTAWA ONT	D D S 4
COUREY NORMAN GEORGE 3325 VAN HORNE APT 4 MTL 391 MAIN ST FARNHAM QUE	MD CM 2 AT 1503
COURT BILLY 2044 VICTORIA ST APT 2 MONTREAL QUE 2100 BATHURST ST TORONTO ONT	M S W 1 LA 4086
COURTEAU J GUY 74 DECELLES ST VILLE ST LAURENT QUE	B C L 3 BY 6107
COURTEAU ROGERS 6422 DECARIE BLVD MONTREAL QUE	MED DIPL 2 EX 4036
COURVILLE MARIE PAULE L P O BOX 136 HUDSON CO VAUDREUIL QUE	B A 1
COUSINEAU GEORGES AIME P O BOX 136 MACDONALD COLLEGE QUE	B ENG CH 5
COUSINEAU MARIE DENISE 40 SPRING GROVE CRESCENT OUTREMONT QUE	B A 3 DO 6577
COUSINS LEO LESTER ANNOTTO BAY JAMAICA B W I	B ENG 2
COUTU JAMES LEO 3444 DUROCHER MTL 54 DALY AVE OTTAWA ONT	B ENG MCH 4
COUTU JOAN PAULINE ANNE ROYAL VICTORIA COLLEGE CRESENT AMUSEMENTS TEMISKAMING QUE	B SC P ED 3 PL 0265
COUTURE ALPHONE ROGER 1455 DRUMMOND ST APT 408 90 NOTRE DAME ST HULL QUE	MD CM 1 LA 7313
COUTURE BENOIT ERNEST 5723 DRAKE ST MTL 156 SMITH ST THETFORD MINES QUE	B COM 4 LA 5951
COUTURE WALTER HENRY 353 KENSINGTON AVE WESTMOUNT QUE 610 PRENDERGAST AVE JAMESTOWN NEW YORK U S A	MD CM 3 WE 8967
COUIENSKY SEYMOUR 4940 CUMBERLAND AVE MONTREAL QUE	B COM 3 EL 7994
COWAN ESTHER JILL 173 GRAHAM BLVD MOUNT ROYAL QUE	B SC 1 AT 3937
COWAN RICHARD JOHN DOUGLAS HALL 187 CHILTERN CT BAKER ST LONDON N W I ENGLAND	B A 2 BE 7763
COWAN WAVELL FREDERICK 173 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ENG MCH 4 AT 3937
COWDREY KENNETH MALCOLM 1034 SHERBROOKE ST W MTL 60 MANVILLE AVE ASBESTOS QUE	B ENG 2 MA 9094
COWLING ELIZABETH AMY 1 BELFRAGE RD WESTMOUNT QUE	B A 4 EL 6668
COX DOROTHY ISABEL 3474 COTE DES NEIGES APT 3 MONTREAL QUE 188 PRINCE ST CHARLOTTETOWN P E I	B N 2 WI 8493
COX GEORGE VICTOR B 473 PRINCE ARTHUR W MTL BOX 1268 NASSAU BAHAMAS	B ENG 2 BE 5346
COX JOHN BRUCE 7430 MOUNT AVE MONTREAL 16 QUE	B SC 3 EX 3332

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NAME ADDRESS	COURSE & YEAR TEL. NO.
COX LORNE WILLIAM 7430 MOUNT AVE MONTREAL 16 QUE	B COM 4 EX 3332
COYLE MARGARET RHODA MACDONALD COLLEGE 101 ST ALPHONSE ST CAP DE LA MADELEINE QUE	HOMEMAKER 1
COYLES WILLIAM RONALD MACDONALD COLLEGE REVELSTOKE DR R R 2 BILLINGS BRIDGE P O OTTAWA ONT	B SC AGR 2
CRABTREE MARY DIANA ROYAL VICTORIA COLLEGE 69 BIERPEE ST EDMUNSTON N B	B A 3
CRAGG CLINTON GEORGE 3506 UNIVERSITY ST MTL SHALLOW LAKE ONT	B SC 3 UN 6 0169
CRAGG MARGARET ANNE 384 WOOD AVE MONTREAL QUE	B A 1 FI 9393
CRAIB CATHERINE F MACDONALD COLLEGE 7460 DE ST AUBIN TOWN OF MT ROYAL QUE	TCH INT 2 EX 7398
CRAIG ALLAN JOHN 369 CLAREMONT AVE WESTMOUNT QUE	B ENG 2 DE 9610
CRAIG JEAN CAROL 4551 ROSEDALE AVE N D G MONTREAL QUE	B A 2 WA 3140
CRAIG RALPH ROBERT MACDONALD COLLEGE ORMSTOWN QUE	AGR DIP 2
CRAIN GEOFFREY ROWAN 3581 UNIVERSITY ST MTL 544 PICCADILLY AVE OTTAWA ONT	B ENG CIV 5 MA 3842
CRAM EBEN JOHN 6753 COTE ST LUKE APT 2 MONTREAL QUE	B SC 3
CRAMB MAVIS RUTH MCLENNAN HALL BOX 856 POWELL RIVER B C	B L S 1 PL 0044
CRAN CLARE ELISE 636 CLARKE AVE WESTMOUNT QUE	B SC P ED 4 WE 3268
CRANIFORD WALTER DOUGLAS 3592 UNIVERSITY ST MTL 8 CELANESE S Q DRUMMONDVILLE QUE	B ENG 2 PL 2435
CRANSTON THOMAS RUSSELL 3432 PEEL ST APT 202 MTL 3129 RETALLACK ST REGINA SASK	MD CM 4 LA 9397
CRAWFORD DONNA JEAN 67 MONTEE STE MARIE STE ANNE DE BELLEVUE QUE 105 LANARK ST WINNIPEG MAN	M SC 2
CRAWFORD GERALD JAMES B 5689 ST URBAIN ST MTL BANNERMAN HOUSE CIRCULAR RD ST JOHN NEWFOUNDLAND	PH D 3 CR 1336
CRAWFORD JEAN MARTHA ROYAL VICTORIA COLLEGE 43 WAVERLEY RD POINTE CLAIRE QUE	PHYSIOTH 3 PL 0571
CRAYMER WILLIAM JAMES DOUGLAS HALL 226 PEARL ST PORT ARTHUR ONT	MD CM 3 PL 5285
CREAGHAN THOMAS WELLWOOD 3431 DRUMMOND ST MTL NEWCASTLE N B	B ENG CIV 5
CREAK ELIZABETH ROYAL VICTORIA COLLEGE HILL HOUSE HAMPTON LUCY WARWICK ENG	B COM 4
CREGAN MARGARET OLMSTED MACDONALD COLLEGE 6810 SOMERLED AVE MONTREAL QUE	B SC H EC 2
CREIGHTON JAMES B 39 BARAT RD MONTREAL QUE	B A 1 FI 5189
CRELINSTEN RHODA ELAYNE 4588 MICHEL BIBAUD MONTREAL QUE	B A 3 FI 5146
CRESTOHL HARVEY 1755 DUCHARME AVE OUTREMONT QUE	B A 4 AT 5431
CRETE JOSEPH EMILE RENE 23 ST GEORGES ST STE ANNE DE BELLEVUE QUE 149 GALT AVE VERDUN 19 QUE	M SC 1
CREVIER AUREL PATRICK 3470 CONNAUGHT AVE MONTREAL QUE	D D S 1 DE 9388
CREVIER MONIQUE GISELE MACDONALD COLLEGE 202 DE L ELEVECHE RIMOUSKI QUE	HOMEMAKER 1
CRIPTON MICHAEL 6 WEREDALE PARK WESTMOUNT 6 QUE	B SC 2
CROLL REUBEN HIRSH 274 VILLENEUVE AVE MONTREAL QUE	B COM 1 HA 0076
CROMARTY RAYMOND MACDONALD COLLEGE	MD CM 4
CROMBIE ANN GREENOUGH 4307 MONTROSE AVE WESTMOUNT QUE	B SC P ED 4 WE 7031
CROMBIE MICHAEL HUGH 4307 MONTROSE AVE WESTMOUNT QUE	B COM 2 WE 7031
CRONIN ROBERT FRANCIS P 3628 LORNE CRESCENT AVE MONTREAL QUE LAMBERT RD NEW CANAAN CONN U S A	MD CM 4 LA 3814
CRONYN MARGARET CONSTANCE 784 UPPER BELMONT AVE WESTMOUNT QUE	PHYSIOTH 3 EL 9181
CROOK DONALD 585 DESAULNIERS BLVD ST LAMBERT QUE	B ENG 2 OR 1 1513
CROSS ALEXANDER GEORGE 434 CLARKE AVE WESTMOUNT QUE	B COM 4 FI 2547
CROSS NAN ROTHNEY ROYAL VICTORIA COLLEGE BOX 203 OKOTOKS ALTA	B A 1
CROSS EDWARD BRUCE 862 CANORA RD TOWN OF MT ROYAL QUE	B ENG 1 RE 3 3186
CROSS ELIZABETH L MACDONALD COLLEGE 434 CLARKE AVE WESTMOUNT QUE	TCH INT 2
CROSS JEAN DOUGLAS 3567 SHUTER ST MONTREAL QUE	GRAD QUAL 1 LA 6300
CROSS KEVIN JAMES 3581 HUTCHISON ST MTL 31 SWEETLAND AVE OTTAWA ONT	B ARCH 5

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CROSSLEY DONALD PHILIP 5540 CAMPDEN PLACE MONTREAL QUE	B COM 1 RE 3 2497
CROSSLEY JOHN HUBERT 3422 STANLEY ST MTL CALLE 33A 20 23 BOGOTA COLOMBIA S A	B ENG MCH 5 MA 0526
CROSSLEY SYBIL RHONA MACDONALD COLLEGE 4408 COOLBROOK AVE N D G MONTREAL QUE	B SC H EC 1
CROTEAU JEAN JACQUES 4855 MESSIER ST MONTREAL QUE	B C L 1 AM 1951
CROUSE VIVIAN LUCILLE 495 PRINCE ARTHUR ST APT 19 MONTREAL QUE P O BOX 29 LUNENBURG N S	GR N CERT 1 LA 1781
CROWE CAMERON MACMILLAN 156 BALLANTYNE AVE MONTREAL WEST QUE	B ENG CH 5 EL 6057
CROWE TERENCE WATSON 156 BALLANTYNE SOUTH MONTREAL WEST QUE	B ENG CIV 3 EL 6057
CROWELL CLARENCE ROBERT 3230 LOUIS VEUILLOT ST MONTREAL 5 QUE	PH D 4 TU 7867
CROWELL DOUGLAS ETHAN 3230 LOUIS VEUILLOT ST MONTREAL 5 QUE	B A 4 TU 7867
CRUMP ANN LOUISE 12 KILBURN CRESCENT HAMPSTEAD QUE	B A 1 EL 2257
CRUSCH JOHN MICHAEL 435 GROSVENOR AVE MTL 328 AVE D SOUTH SASKATOON SASK	M SC 1 GL 4913
CRYSDALE JOHN HENRY 208 FIRTH AVE OTTAWA ONT	M SC 2
CUDDY RICHARD PATRICK 419 PRINCE ARTHUR W MTL 104 LANCASTER ST COHOES N Y	MD CM 2 HA 1088
CUEVAS AURA ANN 3514 MARCIL AVE MONTREAL 28 QUE	B A 3 DE 3403
CUEVAS GAMBOA HUGO 421 PRINCE ARTHUR W MTL APARTADO AEREO 1254 CALI COLOMBIA S A	B ENG CIV 5 HA 1503
CULEN ELENA EVA 1478 MOUNTAIN ST APT 12A MONTREAL QUE	B A 4 PL 8411
CULLEN MARIANNE S 5880 COTE ST ANTOINE RD N D G MONTREAL QUE	B SC 3 EL 4752
CUMBERLAND JUNE R C 634 PRINCE ARTHUR ST APT 3 MONTREAL QUE	MD CM 2 HA 9761
CUMINE JOAN ELIZABETH MACDONALD COLLEGE 4725 RIDGEVALE AVE APT 17 MONTREAL QUE	TCH KIND 1
CUMINGS CARYL HELEN 3480 ONTARIO AVE MTL 311 SCARBORO AVE CALGARY ALTA	M S W 1 PL 0044
CUMMING BRUCE GORDON MACDONALD COLLEGE 87 CADOGAN PLACE LONDON S W 1 ENGLAND	M SC 1
CUNNINGHAM JOHN MONTAGUE 4808 MELROSE AVE MONTREAL QUE	B COM 4 EL 6157
CUPCHIK NINA MACDONALD COLLEGE 320 RICHELIEU ST ST JOHNS QUE	B SC H EC 2
CUPCHIK ZELDA 430 PRINCE ARTHUR ST W APT 2 MONTREAL QUE 320 RICHELIEU ST ST JOHNS QUE	M S W 1 MA 3851
CURRIE GORDON SELKIRK 3 ROXBOROUGH WESTMOUNT QUE	B ENG 2 EL 5636
CURRIE MARY ANNE 3 ROXBOROUGH AVE WESTMOUNT QUE	B A 4 EL 5636
CURTIS GEORGE BUFFETT ROYAL VICTORIA HOSPITAL 44 CRAIGMILLER AVE ST JOHNS NFLD	D D S 4
CURTIS GERALD MICHAEL 61 DESAULNIERS BLVD ST LAMBERT QUE	B SC 2 OR 1 7929
CURTIS RHONNA ELIZABETH ROYAL VICTORIA COLLEGE 398 WILBROD ST OTTAWA ONT	B A 1 MA 0030
CURTIS ROBERT ST ALDHELM 5830 COTE ST LUC RD MONTREAL QUE	B A 3 EL 5622
CURTIS SUSAN LESLIE ROYAL VICTORIA COLLEGE 28 CRAIG MILLER AVE ST JOHNS NFLD	B A 4
CUSACK EDWARD JAMES 5105 DES ERABLES APT 3 MONTREAL QUE	B ENG MCH 3 FR 9145
CUSHING CHARLES MACRAE 35 BALLANTYNE AVE N MONTREAL WEST QUE	B A 1 EL 4908
CUTCLIFFE JACK ALEXANDER MACDONALD COLLEGE FREDERICTON P E I	M SC 1
CUTLER PERSIS ANN MACDONALD COLLEGE KERR ADDISON GOLD MINE VIRGINIATOWN ONT	B SC H EC 4
CUTLER SIDNEY 2708 SOISSONS ST MONTREAL 26 QUE	B C L 1 EX 6853
CVACHOVEC KAREL 3975 DUPUIS AVE MONTREAL QUE	PARTIAL AT 8284
CYNBERG DAVID 5351 VICTORIA AVE APT 2 MONTREAL QUE	MED DIPL 4 AT 3685
CYR BRUNO 3454 STANLEY ST APT 17 MONTREAL QUE	B C L 3 BE 6850
CZOLIJ JERRY 625 12 AVE LACHINE QUE	B ENG 2

D

D ABADIE FRANK ANDRE 545 PINE AVE WEST MTL 165 CHARLOTTE ST PT OF SPAIN TRINIDAD B W	MD CM 1 MA 1545
DACCORD JACQUES EMMAUEL 5242 GLOBERT AVE MONTREAL 29 QUE	B ENG CIV 5 WA 1531
DA COSTA FRANK DESMOND 3562 HUTCHISON ST MTL 12 DUNROBIN AVE HALF WAY TREE JAMAICA B W I	B COM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DACOSTA TREVOR EUGENE B MACDONALD COLLEGE 18 RETIREMENT CRESCENT CROSS ROADS P O JAMAICA B W I	B SC AGR 4
DADA JORGE ALBERTO 3517 HUTCHISON ST MTL 1A CALLE PONIENTE BIS 17 SAN SALVADOR EL SALVADOR C A	B ENG EL 4 PL 6905
DADA LUIS RENE 3517 HUTCHISON ST MTL 1A CALLE PONIENTE BIS 17 SAN SALVADOR EL SALVADOR C A	B ENG 2 PL 6905
DADE TIMOTHY MORKPLI 3656 DUROCHER ST MTL GOLD COAST WEST AFRICA	B A 3 BE 9458
DAGEMAIS LOUISE M M 4562 DRAPER AVE MONTREAL QUE	EDUCATION 5 EL 3008
DAGG DOROTHY JANE MACDONALD COLLEGE SHAWVILLE QUE	TCH ELEM 1
DAHLSTROM CARL EUGENE 633 UNDERHILL PL MTL HARDY SASKATCHEWAN	PH D 3 MA 7874
DAKERS CLIFFORD CORBETT 5215 BYRON AVE MONTREAL QUE	B ENG 1 WA 8863
DALE ALBERT DOUGLAS LACHINE GENERAL HOSPITAL NEEPAWA MAN	MD CM 4 NE 5 4250
DALEY BARBARA ANNE MACDONALD COLLEGE CLARKSON ONT	B SC AGR 4
DALFEN MANUEL MARVIN 6375 MOUNTAIN SIGHTS AVE MONTREAL QUE	B SC 1 EX 5716
DALMA PEDRO LUIS 3621 DUROCHER ST MTL AUGUSTO RODIN 38 MEXICO 19 D F MEXICO	B ENG CH 5 MA 4667
D ALMADA REMEDIOS A H DOUGLAS HALL 6 PEACE AVE HONG KONG CHINA	MD CM 4
DALRYMPLE WILLIAM ROSS 412 ROSLYN AVE WESTMT 125 RIVERSIDE DRIVE OAKVILLE ONT	B ENG CH 4 GL 3829
DALY LESLIE HOWARD 4201 DECARIE BLVD MONTREAL QUE	B A 1 DE 4157
DANBY GORDON THOMPSON 3430 ST FAMILLE ST MTL RICHMOND ONT	M SC 1 LA 0676
DANIELS PHYLLIS DOROTHY 4535 MELROSE AVE MONTREAL QUE	B A 2 DE 3691
D ANNA JOSE JEAN 6994 ST DENIS ST MONTREAL QUE	B A 1 DO 9412
D ANNA LORISA ADELINE 6994 ST DENNIS ST MONTREAL QUE	B A 1 DO 9412
DANYLKIW DMYTRO 11803 O BRIEN BLVD MONTREAL QUE	M ENG 1 BY 4919
DAOUST EMILE 6799 LOUIS HEMON MONTREAL QUE	B ENG 2 CR 6597
DAOUST ROGER YVON 1303 MT ROYAL AVE E APT 3 MONTREAL QUE	PH D 4 CH 6647
DARBY MERLE INA CAROL MACDONALD COLLEGE 49 CHURCH ST MONTEGO BAY JAMAICA B W I	B SC AGR 3
DARLING DORITHY ANN MACDONALD COLLEGE 33 DUFFERIN RD HAMPSTEAD MONTREAL QUE	HOMEMAKER 1
DARLING JAMES RODERICK 1018 LAKESHORE RD LAKESIDE QUE	B ENG 2 PC 4408
DARLING JOAN AGNES 116 EASTON AVE MONTREAL QUE	B A 3 EL 5524
DARLINGTON WILLIAM DAVID 2330 OXFORD AVE APT 31 MONTREAL QUE	B A 3 DE 2940
DARRAGH JAMES HILTON 256 PORTSEA ST NEW HAVEN 11 CONN U S A	MED DIPL 4
DASHNEY DONALD RAYMOND 224 ST JOSEPH BLVD E APT 6 MONTREAL QUE 232 FOURTH AVE OTTAWA ONT	B ENG EL 4 LA 8401
DASSIOS DENIS 3615 UNIVERSITY ST MTL 36 CEDRICTONOS ST ATHENS GREECE	B ENG 1 HA 0044
DASYLVA NORMAND P 5136 7TH AVE RSMT MONTREAL QUE	MD CM 3 CH 5383
D AURIOL HENRY CHARLES L 3637 UNIVERSITY ST MTL PROGRESSO 415 MIRAFLORES LIMA PERU	B ENG MCH 3 MA 1736
DAVIDGE DOROTHY ROSE 11 OGILVIE ST DUNDAS ONT	M A 2
DAVIDSON JANET ARLENE 5347 DUROCHER ST MTL GEORGEVILLE QUE	B L S 1 CR 1890
DAVIDSON JOHN WILMUR 3473 UNIVERSITY ST MTL R R 3 SOUTH DURHAM QUE	B A 3 MA 4902
DAVIDSON JOSEPH A MACDONALD COLLEGE TRURO R R 5 COLCHESTER CO N S	B SC AGR 3
DAVIDSON MARGARET E M 16 ANWOTH RD WESTMOUNT QUE	PH D 2 FI 5566
DAVIDSON SANDRA BRUCE ROYAL VICTORIA COLLEGE ELDERSLIE THORNHILL ONT	B A 2 PL 0495
DAVIES ADELYN MARY ROYAL VICTORIA COLLEGE 2234 VICTORIA AVE WINDSOR ONT	PHYSIOTH 2 PL 0517
DAVIES ALAN TREWARTHA 72 STRATFORD RD HAMPSTEAD QUE	B A 3 EL 6355
DAVIES CHARLES MURRAY OTTERBURN HEIGHTS QUE	B SC P ED 2
DAVIES EDITH CAROL ROYAL VICTORIA COLLEGE 2259 WINDERMERE RD WINDSOR ONT	B SC 4 PL 0598
DAVIES EDWIN GEOFFREY 3646 LORNE CRESCENT MONTREAL QUE	M A 1 MA 3902

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DAVIES GORDON RUSSELL 3622 LORNE CRESCENT APT 1 MONTREAL 1302 5TH AVE N W MOOSE JAW SASK	MD CM 4 MA 3890
DAVIS ALFRED HENRY P O BOX 538 STE ANNE DE BELLEVUE QUE	B ENG MCH 5
DAVIS BERNARD ALLAN 4968 DORNAL AVE MONTREAL QUE	MD CM 4 EX 1805
DAVIS CHARLES FOWLER 2180 SOUVENIR ST APT 8 MONTREAL QUE	EDUCATION 5 FI 4910
DAVIS FRANK LESLIE 5109 WESTERN AVE N D G MONTREAL QUE	B ENG 2 DE 8578
DAVIS FREDERICK CONRAD 7 ROOSEVELT AVE APT 8 TOWN OF MT ROYAL QUE	B ENG 1 EX 6994
DAVIS HARRIET BRENDA 4875 JEAN BRILLANTST MONTREAL QUE	B COM 1 AT 7002
DAVIS LAWRENCE ALLAN 3665 PARK AVE MTL MONTEBELLO QUE	B A 1
DAVIS MARY TAYLOR 198 WESTCROFT RD BEACONSFIELD WEST QUE	B SC P ED 3
DAVIS ROBERT WILLIAM 3460 DUROCHER ST MTL 1271 E DELEVAN AVE BUFFALO 15 N Y U S A	B SC 1 HA 1900
DAVOUD RAMON ISRAEL WILSON HALL 63 TROY COURT HENSINGTON LONDON W 8 ENGLAND	M A 1 BE 0624
DAWANO ELIE 457 BLOOMFIELD AVE OUTREMONT QUE	B ENG 1
DAWSON ARTHUR D 14 BELLEVUE AVE WESTMOUNT QUE	MD CM 1 DE 5323
DAWSON FORREST WILLIAM MACDONALD COLLEGE GLEN ELM QUE	AGR DIP 1
DAWSON FRANK JOSEPH 3466 MCTAVISH ST MTL 1833 FRANKLIN PARK SO COLOMBUS OHIO U S A	MD CM 2 LA 9533
DAWSON GEORGE FREDERICK 3647 UNIVERSITY ST MTL 161 WELLINGTON ST SHERBROOKE QUE	B COM 2 MA 2806
DAWSON JOHN HOWARD 14 BELLEVUE AVE WESTMOUNT QUE	B A 1 DE 5323
DEAN BARBARA ANN MACDONALD COLLEGE 955 LINDSAY AVE ST LAURENT QUE	TCH INT 1
DEAN RONALD SAMUEL 5932 BEAULIEU ST MONTREAL QUE	B SC 1 FI 7500
DEAR ELEANOR RUTH 109 THURLOW RD HAMPSTEAD QUE	B A 3 WA 5154
DEAN WILLIAM ALLYN 3592 UNIVERSITY ST MTL P O BOX 154 ASBESTOS QUE	B ENG MI 4 PL 2435
DEANE BURTON CARLOS MACDONALD COLLEGE C O A F BURNHAM 470 CONVENT AVE NEW YORK CITY N Y USA	M SC 1

NAME ADDRESS	COURSE & YEAR TEL. NO.
DEAVITT RUTH EVELINE MACDONALD COLLEGE 141 RENFREW ST PEMBROKE ONT	PARTIAL
DE BECKER ERIC VICTOR A 3851 UNIVERSITY ST MONTREAL QUE	B A 2 HA 6831
DE BELLAQUE ERIC 3478 MCTAVISH ST MTL 140 EAST 40TH STREET NEW YORK N Y U S A	B A 4 PL 7412
DEBELLE DAVID ARTHUR 6 GRANVILLE RD HAMPSTEAD MONTREAL QUE	B COM 2 WA 5786
DE BELLE JOHN CHARLES 6 GRANVILLE RD HAMPSTEAD QUE	B SC 2 WA 5786
DE BOO DIANE FRANCENE ROYAL VICTORIA COLLEGE COOKSVILLE ONT	B A 3
DE BOYRIE JANE AUGUSTA MACDONALD COLLEGE P O BOX 696 COLON REPUBLIC OF PANAMA	PARTIAL
DE BROUX PIERRE JOSEPH 5 HOLMDALE AVE HAMPSTEAD QUE	B ENG CH 3 EL 6406
DECARIE PIERRE JOSEPH 2799 STE CATHERINE RD MONTREAL QUE	B COM 2 EX 1393
DEDERING CHRISTA ERIKA 3713 ST FAMILLE ST MTL BARFUSSERSTR 19 MARBURG LAHN GERMANY	B L S 1 MA 9915
DE DONGO PAUL JEAN 1596 PINE AVE W MONTREAL QUE	LL M 1 FI 0240
DEEGAN FRANK JOSEPH 515 LOGAN ST ST LAMBERT QUE	B ENG EL 3 OR 1 7318
DEFREITAS ANTHONY WALTER MACDONALD COLLEGE RUTHO MILL ST VINCENT B W I	B SC AGR 2
DEFRIES KYRA 3535 CARLETON RD MONTREAL 2 QUE	B SC 4 PL 5980
DEITCHER JOSEPH 287 QUERBES AVE OUTREMONT QUE	B SC 2 DO 2503
DE JONG JOHN DAVID 5166 SHERBROOKE ST W MTL BANK OF MONTREAL WATERLOO PLACE LONDON S W I ENGLAND	MED DIPL 2
DEKABAN ANATOLE STEPHAN 1326 LAURIER AVE VANCOUVER B C	PH D 3
DELAHEY JOHN ALEXANDER 5485 EARNSCLIFFE AVE MONTREAL 29 QUE	B COM 2 DE 4555
DELANEY BARBARA ANN 86 LECAVALIER ST VILLE ST LAURENT QUE 55 SPRING ST SUMMERSIDE P E I	GR N CERT 1 BY 8423
DELANY DAVID FOSTER 4089 OXFORD AVE MTL BREEZES ICKLINGHAM RD COBHAM SURREY ENG	B COM 2 DE 0732
DELICAET LEONARD GEORGE 4620 PATRICIA AVE MONTREAL 28 QUE	B ENG MCH 4 DE 0998
DELISLE YVON DONALD J 6059 HADLEY MONTREAL 20 QUE	B ENG 2 PO 6 4522

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DELONG OTTIS LORRAINE MACDONALD COLLEGE BARSS CORNER LUN CO N S	AGR DIP 2
DE LORME RICHARD HOLMES 1260 BERNARD AVE W OUTREMONT QUE	B SC 1 CA 1489
DE LUBAC THERESE J M J MCLENNAN HALL DIJOU FRACE	LL M 4 PL 0800
DEMAINE ENID ELAINE ROYAL VICTORIA COLLEGE BOX 222 POWASSON ONT	PHYSIOTH 2 PL 0327
DEMARQUE PIERRE RAYMOND 190 EDOUARD LAURIN BLVDD VILLE ST LAURENT QUE	B SC 2 BY 4921
DEMERS JOSEPH JOHN H R 570 MILTON ST MTL 58 CHARLEVOIX ST HULL QUE	B ENG EL 3
DEMERSON GEORGE ALEX 3543 JEANNE MANCE ST MTL 157 GERMAIN ST SAINT JOHN N B	B SC 2 LA 9958
DEMETRIOU IOANIS 315 VICTORIA AVE MTL 42 TIMOTHEON ST ATHENS 5 GREECE	B ENG 2 WA 8613
DENMAN LEONARD ALLAN 788 WILDER AVE OUTREMONT QUE	B ENG MCH 4 AT 3073
DENNETT MILFORD HARLEY 3830 LACOMBE ST MTL CHATHAM PINES WEST CHATHAM MASS U S A	MD CM 2 AT 4711
DENNIS ARNETT STANLEY 887 54TH AVE LACHINE PORT HILL P E	M SC 2 NE5 5278J
DENNIS JOHN WILLIAM 1692 WEST 58TH AVE VANCOUVER B C	MED DIPL 3
DENORA JOHN 6594 DELORMIER AVE MONTREAL QUE	B A 2 CA 5348
DE NORA YOLANDA ANITA 6594 DELORMIER AVE MONTREAL QUE	B SC 2 CA 5348
DENSMORE ARTHUR ALBERT 4519 48TH AVE RED DEER ALBERTA	M SC 2
DENSON RAYMOND 3473 UNIVERSITY ST MTL 490 CHORLEY OLD RD BOLTON ENGLAND	MD CM 1 MA 4902
DENTITH HUGH GEOFFREY 6256 TERREBONNE AVE MONTREAL 28 QUE	B SC 2 DE 2561
DENTON DAPHNE FLORENCE S 4870 COTE DES NEIGES RD MONTREAL QUE	MD CM 4 EX 3805
DEPOCAS JOHN L WILSON HALL APARTADO 400 GUATEMALA CITY GUATEMALA C A	B COM 1 PL 0026
DERMER HAROLD 6064 WILDERTON CRESCENT MONTREAL QUE	B A 1 RE 3 2330
DERMINE PIERRE MACDONALD COLLEGE 5822 2ND AVE ROSEMOUNT QUE	M SC 1
DE ROMER HENRY ST ELZEAR DE LAVAL QUE	PARTIAL MO 4 3987

NAME ADDRESS	COURSE & YEAR TEL. NO.
DERRY ALEXANDER DAVIS DOUGLAS HALL SHELL CARIBBEAN PET CO MARACAIBO VENEZUELA S A	B ENG CIV 3 MA 6792
DESAULNIERS JACQUES V 554 DAVAAR AVE OUTREMONT QUE	B ENG CIV 3 CA 7531
DESAULNIERS PHILIPPE 428 SHERBROOKE W MTL 59 CHAMPLAIN ST SHAWINIGAN FALLS QUE	B ENG MCH 3 MA 4843
DESBARATS LUCIENNE 3501 UNIVERSITY ST MONTREAL QUE	M A 2 MA 1598
DESBARATS MARIE LOUISE BEAUREPAIRE QUE	M SC 2
DES BOIS LOUIS CAMERON 2435 MAPLEWOOD AVE MONTREAL QUE	B C L 1 AT 0542
DES BRISAY WILLIAM M 6875 LASALLE BLVD VERDUN 1208 WEST 47TH AVE VANCOUVER B C	MD CM 4 TR 4711
DESJARDINS ALLEN ALFRED 3570 DUROCHER ST MTL PAPINACHOIS SAG CO QUE	B ENG 2 LA 7445
DESJARDINS JEAN AIME 500 PINE AVE MTL 339 LARAMEE ST HULL QUE	B ENG CIV 4
DESJARDINS LOUIS P 165 BEVERLEY AVE TOWN OF MT ROYAL QUE	B ENG MCH 4 EX 6401
DESJARDINS RAYMOND MARIE 165 BEVERLEY AVE TOWN OF MT ROYAL QUE	B ENG CIV 3 EX 6401
DESJARDINS RENE JOSEPH 122 2ND AVE VILLE ST PIERRE QUE	B ENG 1
DESKIN DENNIS SPENCER 1406 GRANDE COTE ROSEMERE QUE	B ARCH 2
DESLOOVER JEAN JACQUES 5377 EARNSCLIFFE AVE MONTREAL QUE	B ENG EL 4 EL 1440
DESNOYERS GILBERT GEORGE 1610 SHERBROOKE W APT 9A 67 CHAMPLAIN AVE BAIE COMEAU QUE	B ENG MET 3 FI 1058
DESNOYERS MAURICE JULES 2250 BERNIER ST HYACINTHE QUE	B ARCH 5
DE SOUZA JOHN EDWIN 3609 UNIVERSITY ST MONTREAL QUE	PH D 3 LA 6307
DE SOUZA PATRICK DAVID 1500 BISHOP ST MONTREAL QUE	B SC 1 LA 7322
DESROCHERS GILLES ROBERT 5306 DUROCHER ST MONTREAL QUE	B ENG 1 CA 5395
DES ROCHERS PAULINE MARI 5950 MCLYNN AVE MONTREAL QUE	B A 4 EX 3301
DESSAULLES GEORGES H P 1530 BERNARD APT 5 MONTREAL QUE	B C L 2 TA 3487
DESSUREAULT PIERRE DENIS 193 LAURIER E MTL 701 5TH AVE GRAND MERE QUE	B ENG 2 TA 6398
DESSUREAULT VIATEUR C Y M C A MTL 92 MARCHILDON ST ST TITE QUE	B ENG EL 4

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DETLOR KENNETH JOHN 4825 CTE ST CATHERINE RD APT 18 MONTREAL QUE	B COM 4 EX 7975
DEVITT JAMES ERNEST 1240 DECARIE BLVD APT 30 VILLE ST LAURENT QUE	MED DIPL 2 RI 4 4486
DEVOS CLAUDE DESIRE F 3653 UNIVERSITY ST MTL 6 BLVD SUCHET PARIS 16 FRANCE	B SC 3 PL 2073
DEWOLF SUZETTE ROYAL VICTORIA COLLEGE 119 MINTO PLACE OTTAWA 2 ONT	B A 1 PL 0113
DEXTRAZE LUCILLE ANNETTE R V C 198 MADISON ST FITCHBURG MASS U S A	L MUS 1 PL 0526
DE YOUNG ANNE MACKAY MT TABOR NEW JERSEY U S A	M S W 1
DE ZWARTE MIETJE 5152 WALKLEY AVE APT 4 MONTREAL QUE	B A 2 HU 8 3527
DHO CHARLES RAYMOND 1180 DRUMMOND ST APT 4 M UN 6 41 STATION AVE SHAWINIGAN FALLS QUE	B COM 4 5948
DIAMOND SHIRLEY 3050 VAN HORNE AVE APT 5 MONTREAL QUE	B A 1 AT 7554
DIAMOND STANLEY MARK 5190 DALOU AVE MONTREAL 28 QUE	B COM 3 DE 0546
DIBBEN DAVID WALLACE WILSON HALL SHELL OIL CO MARACAIBO VENEZUELA S A	B ENG CIV 5
DIBBEN RICHARD ANDREWS WILSON HALL WOODINGTON HOUSE NR RAMS HANTS ENGLAND	B ENG 1
DICK GEORGE 202 LAKESHORE RD POINTE CLAIRE QUE	D D S 1
DICK HELEN 3748 MACKENZIE ST MTL 119 CONNAUGHT ST GLACE BAY N S	M A 1 RE 3 2206
DICK WILLIAM 202 LAKESHORE RD POINTE CLAIRE QUE	B A 2
DICKIE ADAM 5654 SHERBROOKE ST W APT 10 MONTREAL 28 QUE	B COM 3 EL 9326
DICKINSON GORDON THOMAS 580 PORTLAND AVE TOWN OF MT ROYAL QUE	B A 3 AT 7533
DICKINSON JOAN BEVERLEY MACDONALD COLLEGE 580 PORTLAND AVE TOWN OF MT ROYAL QUE	TCH ELEM 1 AT 7533
DICKSON MARGARET HELEN MACDONALD COLLEGE ORMSTOWN P O BOX 133 QUEBEC	B SC H EC 4
DICKSTEIN RUTH 5633 CANTERBURY AVE MONTREAL QUE	B SC 1 AT 2710
DICKSTEIN SOREL BLUMA 5656 WOODBURY AVE MONTREAL QUE	B A 2 AT 0559
DIENO BENITO 6381 MARQUETTE ST MONTREAL QUE	GRAD QUAL 1 CR 6086
DIGGINS WILLIAM LAWRENCE 576 BERWICK AVE MTL 253 N COURT ST PORT ARTHUR ONT	B SC 3 AT 5786
DIGNARD NOE LEO 651 MILTON ST MTL CRYSLER ONT	B ENG MCH 4 MA 9644
DILABIO GUIDO FERNANDO MACDONALD COLLEGE 72 ARLINGTON AVE APT 8 OTTAWA ONT	PARTIAL
DIMAKOPOULOS DIMITRI 1324 SHERBROOKE ST W MTL 63 PATRIARCHOU IOAKIM ST ATHENS GREECE	B ARCH 4 HA 4747
DIMAS THEODORE RUDOLPH 252 METCALFE AVE WESTMT 51 VALTETSION ST ATHENS GREECE	B ENG AM 5 FI 2763
DIMMOCK MARGARET ROSE MCLENNAN HALL 10 ROSLYN AVE OTTAWA ONT	B L S 1 PL 0044
DIMOCK JAMES DOUGLAS 3605 UNIVERSITY ST MTL 2111 ALTHEA ST NIAGARA FALLS ONT	B COM 2
DINER LAWRENCE 4814 WILSON AVE N D G MONTREAL QUE	B C L 1 DE 6750
DINER MELVIN ISREAL 4807 MELROSE AVE N D G MONTREAL QUE	B ENG 1 EL 9102
DINER MELVIN NORMAN 558 ST CATHERINES RD MONTREAL QUE	B COM 1 CA 5171
DINES MILTON MORRIS 5034 ST URBAIN ST MONTREAL QUE	B SC 1 TA 2078
DINGMAN ROLT A C 3605 UNIVERSITY ST MTL 200 N 7TH STREET INDIANA PENNA U S A	B ENG 1 LA 0643
DINGMAN STANFORD HERVEY WILSON HALL 112 CHURCH ST STRATFORD ONT	B ENG 2 MA 2042
DINGOTT ETHEL 4746 MAPLEWOOD AVE MONTREAL QUE	B A 4 EX 4033
DIORIO MATTIO ORLANDO 6795 ALMA ST MONTREAL QUE	B ENG 1 TA 6037
DI RE JOHN JOSEPH 3659 LORNE CRESCENT MTL 1931 THIRD AVE NEW YORK N Y U S A	B SC 4
DI RE LEONARD BENJAMIN 3577 LORNE AVE APT 5 MTL 1931 THIRD AVE NEW YORK 29 N Y U S A	B SC 4
DE TAKACSY MARGARET 1551 ST MARK ST MONTREAL QUE	B COM 3 GL 3018
DITULLIO MARY THERESA 881 CHARLEVOIX ST PTE ST CHARLES QUE	B SC 1 WI 0036
DITZION LYNN BARBARA ROYAL VICTORIA COLLEGE 32 NEW YORK U S A 651 WEST 171 ST NEW YORK	B A 1 MA 0030
DLOUHY JAN 5615 BEAUCOURT MONTREAL QUE	B ENG CH 4

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DLUSY JOCELYN MACDONALD COLLEGE 2521 MAPLEWOOD AVE APT 5 MONTREAL QUE	TCH ELEM 1
DOBAS HANNAH MACDONALD COLLEGE 3081 GENTILLY RD VILLE JAQUES CARTIER QUE	B SC AGR 3
DODDRIDGE PHILIP MACDONALD COLLEGE NEW RICHMOND QUE	TCH INT 1
DODDS DONALD JACKSON 127 MARTIN AVE DORVAL QUE	MD CM 4 ME 1 3343
DODDS JEAN MACDONALD COLLEGE 706 VICTORIA AVE WESTMOUNT QUE	TCH KIND 1 WA 7861
DOHAN DENYSE LAFLECHE 3445 STANLEY ST APT 15 MONTREAL QUE	B C L 3 HA 3098
DOLAN RAYMOND HUBERT BOX 36 MACDONALD COLLEGE 311 ST JOHN ST FREDERICTON N B	D D S 3
DOLISIE PAUL ALBERT P 3474 MOUNTAIN ST MONTREAL QUE	B ENG 1 MA 3795
DOLMAN MORTIMER 772 OUTREMONT AVE OUTREMONT QUE	B C L 3 CA 1313
DOLPHIN MAUDE IRENE 1260 REDPATH CRESCENT MONTREAL QUE 1224 WARD ST NELSON B C	B N 2 PL 1251
DOLPHIN WALTER EMIL 3567 DUROCHER ST MONTREAL QUE	B SC 1 MA 9015
DOMVILLE JAMES DE B 3482 MCTAVISH ST MTL 1227 SHERBROOKE ST W MONTREAL QUE	B A 3 PL 1674
DONAGHY JACK WILLIAM 4540 MARCIL AVE MONTREAL QUE	B ENG 2 WA 7241
DONAHUE JOSEPH HUGH APT C 13 MACDONALD COLLEGE QUE	B ARCH 4
DONLY PAULA INNES ROYAL VICTORIA COLLEGE BOX 647 SIMCOE ONT	B A 2
DONNELL JAMES MOFFAT 4619 MELROSE AVE MONTREAL QUE	MD CM 2 DE 7991
DONNELLY VINCENT P 545 PINE AVE W MTL 1113 TRINITY AVE SCHENECTADY N Y U S A	MD CM 1 MA 1545
DONNENFELD HYMAN 6676 ST HUBERT ST MONTREAL QUE	B SC 4 TA 1379
DONOHUE WILLIAM B 1455 DRUMMOND ST APT 917 MONTREAL QUE	D D S 4 LA 4060
DONOVAN JANE ROYAL VICTORIA COLLEGE 4 OAK HILL AVE FOXBORO MASS U S A	B A 2 PL 0634
DORAN GEORGE WILLIAM 2301 BELANGER ST APT 5 MONTREAL QUE	B ENG 2 CR 9544
DORIN OLGA EMILY 1336 GREEN AVE APT 9 MTL 9670 85 AVE EDMONTON ALTA	B N 2 FI 3372
DORION DAVID GEORGE 20010 LAKESHORE RD BAIE D URFE QUE	B COM 3 PL 4492
DORION GILLES 904 SHERBROOKE ST W MTL 172 5TH ST SHAWINIGAN FALLS QUE	B ENG CIV 4 MA 0887
DORION PETER JAMES 20010 LAKESHORE RD BAIE D URFE QUE	B COM 1
DORMER ALBERT 4581 HINGSTON AVE MONTREAL QUE	B ENG MCH 5 WA 2065
DORNING AINSLEY PALMER MACDONALD COLLEGE 265 MAPLE AVE ST LAMBERT QUE	PARTIAL
DORR HUMPHREY PATRICK DOUGLAS HALL 10 MONTROSE RD HALF WAY TREE P O KINGSTON JAMAICA B W I	MD CM 1
DOSTALER MAURICE JOHN 4458A MESSIER MONTREAL QUE	B C L 4 FR 0708
DOUGLAS GORDON ROBERT MACDONALD COLLEGE 39 MELROSE AVE TORONTO ONT	B SC AGR 1
DOUGLAS HUGH CLINTON MACDONALD COLLEGE TROJA P O JAMAICA B W I	B SC AGR 2
DOUGLAS KENNETH ROOT 633 UNDERHILL PLACE MTL 1434 JACKSON AVE RIVER FOREST ILL U S A	MD CM 1
DOUGLAS MIRIAM ROYAL VICTORIA COLLEGE 41 ESTES ST LYNN MASS U S A	B A 3
DOUGLAS WILLIAM BLAIR 4329 DRAPER AVE MONTREAL QUE	B COM 3 EL 7273
DOVNARSKY MURRAY IRWIN 5704 CLARK ST MONTREAL QUE	B A 1 DO 8580
DOW JUDITH MARGARET 4452 BEACONSFIELD AVE MONTREAL QUE	B A 2 DE 4123
DOW RUSSELL HUME MACDONALD COLLEGE METCALFE R R 3 ONTARIO	B SC AGR 2
DOWBIGGIN JUNE ISABELLE 79 SOMERVILLE AVE WESTMOUNT QUE	TCH ELEM 1
DOWD MILTON RITCHIE PRESBYTERIAN COLLEGE KINBURN ONT	B SC 1
DOWD SHERRILL BRUCE 59 BALFOUR AVE TOWN OF MT ROYAL QUE	PHYSIOTH 1 AT 0474
DOWNER JOHN LESLIE DE C 554 MILTON ST APT 7 MONTREAL QUE	M SC 1
DOYLE ELTON ERNEST 2047 UNION AVE MTL MELBOURNE QUE	B C L 3 HA 9469
DOYLE JOAN 3520 MCTAVISH MONTREAL QUE	M S W 1 LA 9293
DOYLE JOHN PATRICK 3520 MCTAVISH ST APT 35 MONTREAL QUE	MED DIPL 1 LA 9192

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DOYLE JOHN WILLIAM 290 36TH AVE LACHINE QUE	B SC 2 NE5 1622J
DOYLE PETER RONALD 4977 MARIETTE AVE MONTREAL QUE	B ENG EL 4 DE 3375
DOZ MAURICE 1487 MOUNTAIN ST MONTREAL QUE	PH D 2 BE 1036
DRACH PESEL BAELA 1360 BERNARD AVE APT 17 OUTREMONT QUE	PHYSIOTH 3 CA 6305
DRAKE KINGSLEY GEORGE 4537 OXFORD AVE N D G MONTREAL QUE	B ENG MCH 4 EL 3347
DRAKE LESLIE JAMES 4537 OXFORD AVE N D G MONTREAL QUE	MD CM 4 EL 3347
DRAPEAU JACQUELINE U 4336 KING EDWARD AVE MONTREAL QUE	GRAD QUAL 1 EL 8521
DRAPER MARY EDWARDS ROYAL VICTORIA COLLEGE 151 VICTORIA ST LONDON ONT	B A 4 PL 0495
DRAYTON DOROTHY GWEN ROYAL VICTORIA COLLEGE PLEASANT COT NAVY GARDENS CH CT BARBADOS B W I	B A 3 PL 0327
DREW DIANA BEATRICE 1611 SELKIRK AVE MONTREAL QUE	B A 2 FI 2173
DREW GUY GASTON 3430 STE FAMILLE ST MTL 1211 LAVIOLETTE ST THREE RIVERS QUE	B SC 3 LA 0676
DREYFUS HENRY JOSEPH 3653 UNIVERSITY ST MTL MANAGUA NICARAGUA CENTRAL AMERICA	B SC 3 PL 2073
DRION HUIBERT 1502 MACKAY ST MTL J VAN STOLBERGPLEIN 14 THE HAGUE NETHERLANDS	LL M 1 FI 0859
DRISCOLL JUDITH SHEILA K 70 PERCIVAL AVE MONTREAL WEST QUE	B A 3 DE 0398
DRIVER GALEN ARTHUR W MACDONALD COLLEGE KINGSBURY QUE	AGR DIP 2
DROBYSH ANNE MACDONALD COLLEGE 5240 8TH AVE ROSEMOUNT MTL QUE	B SC H EC 1
DROSTE DORIS IRENE 4346 WESTMOUNT AVE WESTMOUNT QUE	B SC 2 WE 4877
DRUCKMAN ELAINE JOYCE 204 WILLOWDALE AVE OUTREMONT QUE	B A 2 AT 3541
DRUCKMAN JOYCE RUTH MACDONALD COLLEGE 3905 PLAMONDON APT 6 MONTREAL QUE	TCH ELEM 1
DRUCKMAN LEONARD L 201 OUTREMONT AVE OUTPEMONT QUE	D D S 3 GR 7431
DRUGAN JOHN EDWARD JR 521 PRINCE ARTHUR ST MTL 1R CHESTNUT ST WAKEFIEKD MASS U S A	D D S 1 MA 0856
DRUMMOND KEITH NEWTON 4015 ROSEMOUNT BLVD MONTREAL 36 QUE	MD CM 2 CL 1326
DRUMMOND ROBERT NORMAN 4015 ROSEMOUNT BLVD ROSEMOUNT MTL QUE	PH D 4 CL 1326
DRUMMOND RUTH ANNE 376 REDFERN AVE WESTMOUNT QUE	B A 2 FI 0644
DRUMMOND THOMAS KEVIN 47 ROSEMOUNT AVE WESTMOUNT QUE	B COM 4 WI 6860
DRURY ANN CELESTINE 1321 SHERBROOKE ST W MONTREAL QUE	B A 4 LA 1444
DRYMER EARL 4083 ST URBAIN ST MONTREAL QUE	B A 1 MA 6909
DUANNE WILLIAM DAYTON 26 TURNSTALL AVE SENNEVILLE QUE	B SC AGR 1
DUBE FERNAND 58 SHERBROOKE W MTL 37 SORMANY EDMUNDSTON N B	D D S 1 PL 6954
DUBNEY JACK DAVID 46 ACADEMY RD APT 17 WESTMOUNT QUE	B SC 2 WI 7457
DUBNEY VALERIE ERICA 46 ACADEMY RD WESTMOUNT QUE	B SC 3 WI 7457
DUBOW HARRY IRVING 5201 COTE ST ANTOINE RD N D G MONTREAL QUE	B SC 3 DE 4298
DUBOW RUTH 5201 COTE ST ANTOINE RD MONTREAL QUE	B A 3 DE 4298
DUBRULE BARBARA JAYNE ROYAL VICTORIA COLLEGE P O BOX 600 PRESCOTT ONT	B COM 3 PL 0334
DUBRULE GERALDINE ANN ROYAL VICTORIA COLLEGE 519 WEST ST PRESCOTT ONT	B SC P ED 3 PL 0180
DUBSKY SONIA OLGA 6584 MCLYNN AVE MONTREAL QUE	PHYSIOTH 1 AT 3509
DUBUC JACQUES ANDRE 4929 PONSAR AVE MONTREAL QUE	B ENG PWR 5 AT 9318
DUCHESNEAU DAVID MCLEAN 4227 DORCHESTER ST W MONTREAL QUE	B A 1 FI 5631
DUCROS JACQUES F J 3767 MARLOWE AVE N D G MONTREAL QUE	B C L 1 EL 8385
DUFF GRAHAM HALIBURTON 3502 UNIVERSITY ST MTL 274 LAWRENCE AVE E TORONTO ONT	B ENG 2 PL 2435
DUFF WILLIAM EDGAR PRESBYTERIAN COLLEGE 340 ROYAL YORK RD N ETOBICOKE TOWNSHIP ONT	B SC 3
DUFFIELD JAMES COLIN DOUGLAS HALL 87 FOREST HILL RD TORONTO ONT	B A 3 BE 0977
DUFRESNE PIERRE NOISEUX 5208 WESTBURY MONTREAL QUE	B ENG MCH 4 EL 2445
DUHAIME CONSTANCE M 1355 LAIRD BLVD TOWN OF MT ROYAL QUE	MED DIPL 4 AT 4594
DUHAIME RENE JOSEPH MACDONALD COLLEGE R R 2 HUNTINGDON QUE	AGR DIP 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DUHRING JOHN LEWIS 68 ALLARD AVE DORVAL QUE	B SC 2 ME1 1766
DUJON AINSLEY UNSWORTH 3422 DECARIE BLVD MTL 2 ELLESMERE RD HALF WAY TREE P O JAMAICA B W I	MD CM 3 EL 9261
DUKE S LYNN 65 HICKSON AVE ST LAMBERT QUE	B F A 4 OR 1 7627
DULUDE ROBERT F O J 1462 ST JOSEPH BLVD E MONTREAL QUE	B C L 4 AM 4166
DUNCAN DOUGLAS FRASER MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PARTIAL
DUNCAN WILMA CHRISTENA MACDONALD COLLEGE 382 MERCILLE AVE ST LAMBERT QUE	B SC H EC 1
DUNDAS JOHN BROCK 359 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B SC 2 EX 8418
DUNFORD HUGH BRIAN 3528 LORNE AVE APT 6 MONTREAL QUE	PH D 2
DUNFORD WILLIAM E 44 GOLF AVE POINTE CLAIRE QUE	B ENG 2
DUNN CONSTANCE ANNIE MACDONALD COLLEGE 644 BELCOURT ST DRUMMONDVILLE QUE	B SC H EC 3
DUNN EARL VINCENT 475 PRINCE ARTHUR ST W M BOX 209 COOKSHIRE QUE	B SC 2 BE 6523
DUNN JAMES JOHN 6037 NOTRE DAME ST E MONTREAL QUE	B ENG 2 CL 9811
DUNPHY WAYNE THOMAS 5691 PARK AVE MONTREAL QUE	PARTIAL VI 1651
DUNSTERVILLE JENNIFER ROYAL VICTORIA COLLEGE APARTADO 809 CPC CARACAS VENEZUELA	B A 1
DUNTON JAIME WILSON 737 UPPER BELMONT AVE MONTREAL QUE	B A 4 DE 2107
DUQUETTE FERNAND H 3422 STANLEY ST MTL SMOOTH ROCK FALLS ONT	B ENG MCH 3 LA 6922
DURAND ALPHONSE PIERRE 5817 MCLYNN AVE MONTREAL QUE	B C L 1 EX 4954
DURANT WILLIAM CARTER MACDONALD COLLEGE PARRSBORO N S	B SC AGR 4
DURBIN JAMES GORDON 1514 CRESCENT ST MTL 93 PROSPECT ST FITCHBURG MASS U S A	B SC 1 MA 7457
DURNFORD HUGH M E 658 BELMONT AVE MONTREAL QUE	B A 4 EL 1442
DURNFORD JOHN WILLIAM 614 ARGYLE AVE WESTMOUNT QUE	B C L 4 EL 9192
DUROST HENRY BEECHER 539 PINE AVE WEST MTL 404 UNIVERSITY AVE FREDERICTON N B	MED DIPL 2 LA 7628

NAME ADDRESS	COURSE & YEAR TEL. NO.
D URSO JOHN ANTHONY 3431 DRUMMOND ST MTL 26 PARK PLACE VALLEY STREAM N Y U S A	B SC 4 MA 0243
DU SABLON MICHEL MARCEL 170 DUFFERIN RD HAMPSTEAD QUE	B ENG COM 5 WA 1835
DUXBURY JAMES HERBERT 3573 LORNE AVE MTL 95 VIEW ST NANAIMO B C	MD CM 4 MA 2611
DWORKIN MARILYN GOLD 4975 VICTORIA AVE MONTREAL 6 QUE	B A 1 WA 3212
DWYER JOHN NORMAN 3485 UNIVERSITY ST MTL P O BOX 195 ST EUSTACHE QUE	B SC 3 MA 9181
DYER MARY ELIZABETH ROYAL VICTORIA COLLEGE 57 HIGHLAND RD RYE NEW YORK U S A	B A 4
DYKEMAN DOUGLAS LEE 3471 HUTCHISON ST MTL UPPER JEMSEG QUEENS CO N B	MD CM 4 HA 4861
DYMENT GAIL EDNA 242 STANSTEAD AVE TOWN OF MT ROYAL QUE	B SC 1 AT 1952
DYMENT JOHN JOSEPH 70 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B COM 4 AT 0888
DYSTHE JEAN ROALD 4843 FULTON AVE MONTREAL QUE	B COM 1 EX 5946

E

EADE KENNETH EDGAR GIOLOGICAL SURVEY OF CAN 8 TEMPORARY BLDG OTTAWA ONT	PH D 4
EADIE DOROTHY ANN 18 FORDEN AVE WESTMOUNT QUE	M SC 1 EL 3132
EARL PATRICIA HELEN 289 LAKESHORE RD STRATHEMORE QUE	B SC 2 ME 13218
EARL THOMAS MORGAN 5145 CTE ST LUC RD MONTREAL QUE	B COM 2 DE 7666
EARLE GRAHAM BLACKNELL 211 GOHIER ST ST LAURENT QUE	B ENG CIV 3 BY 1883
EASDON GEORGE WILSON HALL BOX 1408 ANCON CANAL ZONE PANAMA	B COM 2
EASON MARJORIE MEREDITH 10 TUNSTALL AVE GARDENVALE P O SENNEVILLE QUE	B L S 1
EAST THOMAS WILLIAM R 5839 COOKBROOK AVE N D G MONTREAL QUE	M SC 1 MA 9181
EBY JOHN VICTOR DOUGLAS HALL BOX 2 KAMLOOPS B C	B ENG 2
ECCLES WILLIAM JOHN 4276 WESTERN AVE WESTMOUNT QUE	PH D 3 FI 4425

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ECHENBERG ARNOLD JOSEPH 3483 PEEL ST MTL 1415 PORTLAND AVE SHERBROOKE QUE	B SC 1
ECONOMOU CONSTANTINE 252 METCALFE AVE WESTMT 18 PATRIARCHOU IOAKIM ST ATHENS GREECE	B ENG CIV 5 FI 2763
EDDY CHARLES WILMOT 3030 KIRKFIELD AVE TOWN OF MT ROYAL QUE	B ENG 1 AT 3812
EDDY KEITH HUDSON 3508 UNIVERSITY ST MTL 6618 12TH AVE ROSEMOUNT QUE	B D 3 HA 4873
EDEL HELEN 532 MILTON ST RM 9 MONTREAL QUE	B A 4 BE 0324
EDELSTEIN MARY MIRIAM 5 MC CULLOCH AVE OUTREMONT QUE	B SC 1 VI 8560
EDEY STUART NELSON MACDONALD COLLEGE RIDEAU VIEW P O ONTARIO	B SC AGR 4
EDGAR ROBERT STUART 1448 MACKAY ST MTL BOX 161 CLARKSON ONT	B SC 4 EL 1394
EDGE JOHN ALBERT 192 MACAULAY AVE ST LAMBERT QUE	B ENG 1 OR 3 2664
EDMONDS WILLIAM ARTHUR 484 PRINCE ARTHUR ST W MONTREAL QUE 18 TURNOR AVE HAMDEN CONN U S A	M A 1
EDNEY ISABELLE MARY ROYAL VICTORIA COLLEGE 374 QUEBEC ST SHERBROOKE QUE	PHYSIOTH 1 PL 0334
EDSFORTH JOHN FIELDING 4650 WESTMORE AVE MONTREAL QUE	B ENG 2 WA 8303
EDWARD ROBERT GORDON MACDONALD COLLEGE 128 STRATHEARN AVE N MONTREAL WEST QUE	B SC AGR 1
EDWARDS GORDON BUCHANAN 428 EGAN AVE VERDUN QUE	B ARCH 5 HE 9252
EDWARDS GRAHAM IAN 658 ARGYLE AVE VERDUN QUE	B ENG 1 TR 5841
EDWARDS JOHN AUBREY 3562 HUTCHISON ST MTL 50 MOLYNES RD HALF WAY TREE JAMAICA B W I	B COM 1 BE 9656
EDWARDS JOAN ELIZABETH 428 EGAN AVE VERDUN QUE	B SC 1 HE 4252
EDWARDS JUDITH DOROTHY 1355 DORCHESTER ST W MONTREAL QUE 29 COLLINS GREEN AVE CROSS RDS JAMAICA BWI	PARTIAL 0 UN 6 9941
EDWIN RUSSELL LEON 3571 HUTCHISON ST MTL 1716 1ST AVE N GREAT FALLS MONTANA U S	MD CM 3 PL 8821
EGAN CHARLES FRANKLIN CHILDRENS MEMORIAL HPTL 562 JOHNSON ST KINGSTON ONT	MED DIPL 3
EGAN MAURICE FRANCIS 115 THIRD ST E CORNWALL ONT	M S W 1
EHRENFELD NICHOLAS 2154 PRUDHOMME AVE MTL 43 11 SKILLMAN AVE L I C NEW YORK U S A	D D S 3 HU 8 4029
EIDINGER DAVID 4302 KENT AVE MONTREAL QUE	M SC 1 Ex 4184
EIDINGER MARTIN 4815 QUEEN MARY RD APT 19 MONTREAL QUE	D D S 4
EISENSTAT BRAHM MAURICE 5621 PHILLIPS AVE MONTREAL QUE	B C L 1 Ex 3995
EISENSTAT MICHAEL SAUL 5621 PHILLIPS AVE MONTREAL QUE	B COM 1 Ex 3995
EKLER KURT 3422 DECARIE BLVD MONTREAL QUE	M SC 1 EL 9261
ELDER DOREEN CLAIRE 2039 PEEL ST APT 10 MTL CHRISTIEVILLE QUE	PHYSIOTH 1 HO 7742
ELDERKIN ANNA LEA ROYAL VICTORIA COLLEGE 263 INGLESIDE AVE ATHENS TENNESSEE U S A	B SC 3
ELIAS GEORGE LAWRENCE WILSON HALL 41 MURRAY ST WOODBROOK P O S B W I TRINIDAD	B SC 3
ELIAS LORNE 67 ST JOSEPH BLVD W MONTREAL QUE 97 JAMES ST OTTAWA ONT	PH D 1 CR 3452
ELIGBERG LEONA MACDONALD COLLEGE 5250 PARK AVE APT 14 MONTREAL QUE	TCH ELEM 1
ELIOPOULOS HERMES ANDREW PRESBYTERIAN COLLEGE 30 PROXENOU KOROMILA ST SALONIKA GREECE	M SC 1
ELKINGTON DIANA MARGARET ROYAL VICTORIA COLLEGE 572 ISLAND RD VICTORIA B C	B A 2 MA 0858
ELLENBOGEN GEORGE 4555 DRAPER AVE MONTREAL QUE	B A 2 DE 4000
ELLENBOGEN IRVING 4555 DRAPER AVE N D G MONTREAL QUE	B ENG CIV 4 DE 4000
ELLIOT ELIZABETH HAZEL HOWICK QUE	MUS QUAL 1
ELLIOTT ELIZABETH ANN 536 PINE AVE W APT 1 25 LEARMOUTH AVE QUEBEC QUE	M S W 2 BE 3116
ELLIS CLARENCE DOUGLAS 3001 HOLT ST MONTREAL QUE	PH D 2 FR 6806
ELLIS DAVID COWAN 202 SIMCOE AVE MONTREAL 16 QUE	B ENG 2 AT 7457
ELLIS DEREK VICTOR 3506 UNIVERSITY ST MONTREAL QUE	M SC 1 PL 0150
ELOSIEBO MATHEW R S OFODELE U A C BIDA NIGERIA	B ENG 2
ELSDON WILLIAM LLOYD 3621 OXENDEN AVE MONTREL QUE	PH D 2 HA 7815

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NAME ADDRESS	COURSE & YEAR TEL. NO.
EMERY CHARLES EDWARD 10594 GRAND ALLEE BLVD MONTREAL QUE	B C L 2 DU 5331
EMMS BEVERLEY FAIRFIELD MACDONALD COLLEGE 4083 GRAND BOULEVARD MONTREAL QUE	TCH INT 1
EMO JOCELYN MARGARET MACDONALD COLLEGE 821 GRAHAM BOULEVARD TOWN OF MT ROYAL QUE	TCH INT 2
EMO RALPH GORDON 2628 RYDE ST PTE ST CHARLES QUE	B SC 3
EMO WALLACE BROOKS 4326 SHERBROOKE ST W WESTMOUNT QUE	B SC 4 GL 1350
EMOND LIONEL JOSEPH 3677 ST ANDRE ST MONTREAL QUE	B COM 4 AM 5849
EMPEY GORDON BURTON 24 RICHELIEU PLACE MONTREAL QUE	B C L 2 LA 9689
ENDLER MILDRED 3895 ST DENIS ST MONTREAL QUE	M S W 2 HA 6007
ENDLER NORMAN SOLOMON 4814 HUTCHISON ST MONTREAL 8 QUE	B SC 4 GR 6263
ENGEL ANDREW GEORGE 3508 UNIVERSITY ST MTL 3230 93RD ST JACKSON HGTS N Y U S A	MD CM 2 HA 4873
ENGEL PETER HANS WILSON HALL THE OLD RECTORY WEST STOKE N R CHICHESTER SUSSEX ENG	B COM 1
ENGEL WILLIAM KING DOUGLAS HALL 80RA PENNSYLVANIS AVE UNIVERSITY CITY 5 MISSOURI U S A	MD CM 2 PL 6073
ENGELBERG WILLIE 5510 TRANS ISLAND AVE MONTREAL QUE	B SC 3 EX 7826
ENGLER PETER ERWIN 5220 QUEEN MARY RD MONTREAL QUE	B ENG 1 EL 1491
ENGLISH ALEXANDER 3425 UNIVERSITY APT 3 MONTREAL QUE	MED DIPL 2 HA 8667
ENGLISH OLIVIA DALE ROYAL VICTORIA COLLEGE 1746 MASSACHUSETTS AVE WASHINGTON D C U S A	B A 2 PL 0477
ENGLISH RODERICK ALRSTAI EOUGLAS HALL 6412 ADERA ST VANCOUVER B C	MD CM 2
ENGLISH THOMAS HERBERT 3433 MONTCLAIR AVE MONTREAL QUE	B A 2 WA 1482
ENHORN SAM 3465 DE BULLION ST APT 5 MONTREAL QUE	B SC 3 LA 3757
ENNIS DONALD EARL 4352 WESTHILL AVE MONTREAL 28 QUE	B ENG EL 4 DE 0789
ENNIS ROBERT WILLIAM 10644 ST CHARLES AVE MONTREAL QUE	B C L 1 DU 5606
ENSIGN LEONARD HAROLD 181 WILLOWDALE OUTREMONT QUE	MD CM 1 AT 2258
ENSINCK JOHN WILLIAM 5825 COTE ST LUC RD HAMPSTEAD QUE	MD CM 1 DE 6606
ENTA TOMMY 90A SPRINGFIELD AVE GREENFIELD PARK QUE	B SC 4 OR 1 0486
ENZER NORBERT BEVERLEY 3436 MARLOWE AVE WESTMT 2967 N MARIETTA AVE MILWAUKEE 11 WISC U S A	MD CM 1
EPSTEIN JEAN FAY ROYAL VICTORIA COLLEGE 384 TOWNSEND ST SYDNEY N S	B A 4 PL 0634
EPSTEIN NORMAN LOUIE 3876 ST DOMINIQUE ST MONTREAL QUE	B SC 2 BE 3634
ERB DAVID KINSEY 2337 11TH AVE REGINA SASK	PH D 4
ERRINGTON PHILIP JAMES 3653 UNIVERSITY ST MTL 790 EGLINTON AVE W TORONTO ONT	B COM 3 PL 2073
ESAR NORMA ELLEN 81 SPRING GROVE CRESENT MONTREAL QUE	B SC P ED 2 CR 7696
ESAR RHODA 3028 BRESLAY RD MONTREAL QUE	B SC 1 WI 0861
ESCOBAR FELIPE EDUARDO MACDONALD COLLEGE APDO 474 PANAMA REP OF PANAMA	B SC AGR 1
ETHERIDGE DAVID ELLIOTT 1206 18TH AVE N W CALGARY ALTA	M SC 3
ETHIER JEAN DECARIE 3437 PEEL ST MTL BAIE COMEAU QUE	B C L 2 LA 8997
ETTEHADIEH SHAHROKK MACDONALD COLLEGE 2135 DORCHESTER ST W MONTREAL QUE	AGR DIP 1
ETTLINGER JOHN RAYMOND T DIOCESON COLLEGE 8 BLACKWATER RD EASTBOURNE SUSSEX ENG	B L S 1 FI 3161
EULAMBIO JULIUS MICHAEL 3511 SHUTER ST APT 4 MTL 47 VOULIS ST ATHENS GREECE	B A 4 MA 8279
EVA ELIZABETH HELEN F 387 41 AVENUE LACHINE QUE	B A 2 NE5 3837
EVANS CATHARINE ANN 3057 CEDAR AVE WESTMT 90 JOHNSON ST KINGSTON ONT	PHYSIOTH 1 FI 1295
EVANS HARRY GIFFARD VAUX 5604 PRESIDENTS ROW ACADIA UNIVESITY HILL VANCOUVER 8 B C	PH D 4
EVANS JOHN WILLIAM MACDONALD COLLEGE APT 24 LINTON APTS SHERBROOKE ST MONTREAL QUE	B SC AGR 1
EVANS JUSTIN ELSWORTH F MACDONALD COLLEGE SAWYERVILLE QUE	AGR DIP 2
EVANS MERRAN GWYNNE 126 DUFFERIN RD HAMPSTEAD QUE	B A 3 EL 6931

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NAME ADDRESS	COURSE & YEAR TEL. NO.
EVANS RICHARD WALLACE W MACDONALD COLLEGE R R 3 LENNOXVILLE QUE	B SC AGR 2
EVANS ROBERT TAYLOR MACDONALD COLLEGE GEORGEVILLE QUE	AGR DIP 1
EVANS ROG NASH MACDONALD COLLEGE MIDDLETON ANNO CO N S	B SC AGR 3
EVASON ERNEST ROSS 6720 SHERBROOKE ST W APT 42 N D G MONTREAL QUE	B COM 2 DE 6785
EWERT ROBERT ALFRED 545 PINE AVE WEST MTL 811 ROCHESTER RD NEW WESTMINISTER B C	MD CM 4 MA 1595

F

FABIEN PIERRETTE DIANE MACDONALD COLLEGE 460 COLLEGE AVE VILLE ST LAURENT QUE	HOMEMAKER 1
FABRIKANT JACOB I 3508 UNIVERSITY ST MTL 119 17 111 AVE SO DZONE PARK 20 LONG ISLAND N Y U S A	MD CM 1 HA 4873
FABRY PETER FREDERICK 3851 UNIVERSITY ST MONTREAL QUE	B A 2 UN 6 0218
FAFALIOS STELIOS STEVE 260 SIMCOE AVE TN OF MT ROYAL QUE	B ENG MCH 5 AT 2196
FAGAN GRAHAM WILFRID 344 LANSDOWNE AVE WESTMOUNT QUE	B COM 1 GL 1554
FAGAN RONALD JOHN 344 LANSDOWNE AVE WESTMOUNT QUE	B A 1 GL 1554
FAIERMAN MELVIN 341 DE L EPEE AVE MONTREAL QUE	B ENG CIV 3 CA 7909
FAINBLOOM SAUL JOSEPH 4414 DRAPER AVE MONTREAL QUE	B ENG 2 DE 1324
FAINSTAT THEODORE D 4533 ESPLANADE AVE MONTREAL QUE	MD CM 2
FAIRBAIRN JOHN MORRICE R 488 STRATHCONA AVE WESTMOUNT QUE	B ENG 1 GL 4587
FAIRBAIRN NORMAN JOHN MACDONALD COLLEGE BOX 124 MARATHON ONTARIO	PH D 4
FAIRLEY ELIZABETH JEAN MACDONALD COLLEGE P O BOX 26 RIVERBEND QUE	B SC H EC 2
FAIRLEY ROBERT JAMES 3465 PRUDHOMME AVE MONTREAL QUE	B SC 2 HU 8 3195
FAITH ROBERT WARD 755 UPPER BELMONT AVE WESTMOUNT QUE	B A 4 EL 5927
FAJNER GISELA 3619 OXENDEN AVE MTL 23 PEMBROKE STR PORT OF SPAIN TRINIDAD B W I	B A 3 LA 6986
FALCONAR ANDREW SOMERLED P O BOX 234 ST ANNE DE BELLEVUE QUE	B SC 1
FALCONER ERROL LINTON 3609 UNIVERSITY ST MTL 8 ELLIS AVE WINDWARD RD KINGSTON JAMAICA B W I	PH D 2 LA 6307
FALCONER KENNETH ROBERT 4265 BEACONSFIELD AVE MONTREAL QUE	B COM 1 DE 4034
FALLEN ERNEST LEONARD 4100 LA PELTRIE ST MONTREAL QUE	B SC 1 AT 9186
FALLIS ROSLYN ROYAL VICTORIA COLLEGE 2097 VICTORIA AVE THREE RIVERS QUE	B A 2 PL 0598
FALLS MARY VIRGINIA 3740 WESTMOUNT BLVD MONTREAL 6 QUE	B A 4 EL 2335
FANABERIA MONICA ESTHER 4 HUDSON AVE WESTMOUNT QUE	B A 1 FI 3648
FANCOTT ROBIN 119 CEDAR AVE POINTE CLAIRE QUE	B ARCH 2
FARKAS JOHN 10 165 LAVERDURE MONTREAL QUE	B SC 2 DU 6145
FARLINGER JANE ELIZABETH ROYAL VICTORIA COLLEGE 2 MARY ST NEW LISKEARD ONT	B SC 4
FARMAKIDES ANNA 4095 COTE DES NEIGES RD APT 11 MONTREAL QUE	PH D 1 FI 4519
FARMER PHYLLIS MARION MACDONALD COLLEGE 284 PRICE ST W CHICOUTIMI QUE	B SC H EC 3
FARNELL GERALD WILLIAM 10233 PELOQUIN AVE MONTREAL QUE	PH D 3 VE 5203
FARR BARBARA ANN 1482 CLOSSE ST APT 4 MONTREAL QUE	B A 4 WI 0342
FARRAR WILMA ALICE 838 DESMARCHAIS BLVD VERDUN QUE	TCH ELEM 1 HE 7882
FARRELL EDNA PHYLLIS 5015 GATINEAU AVE MONTREAL 26 QUE	M A 1 AT 2547
FARRELL STANLEY 1229 MOUNTAIN ST MONTREAL QUE	M S W 2 UN 6 2267
FAUDOA ROBERT GARY WILSON HALL PASCO DE LA REFORM 210 1 MEXICO D F	B ENG 1
FAUGHNAN BRIAN WILFRED 842 DUVAAR AVE OUTREMONT QUE	B ENG PHY 3 CR 7663
FAUGHNAN JEANNE ELIZABET 333 MONMOUTH RD TN OF MT ROYAL QUE	M S W 2
FAULCONBRIDGE ALBERT J 5831 9TH AVE ROSEMOUNT QUE	B SC 1 GI 1327
FAULKNER JAMES HUGH 672 ROSLYN AVE WESTMOUNT QUE	B ENG 2 EL 1982
FAULKNER PETER 3800 DECARIE BLVD APT 2 MONTREAL QUE	PH D 2 MA 1351

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FAUSKE HILMER ARTHUR 3651 DUROCHER APT 15 MTL BOX 714 FELTON CALIFORNIA U S A	MD CM 2 LA 7616
FAVREAU ROGER FERNAND J 865 ROY ST E MONTREAL QUE	B SC 2 AM 7565
FAWCETT BRIAN CECIL 439 SHERBROOKE ST W APT 4 MONTREAL QUE 306 2ND ST W REVELSTOKE B C	B ENG 2 MA 1006
FAWCETT JEAN MONA MARIE 651 DESAULNIERS BLVD ST LAMBERT QUE	B SC 2
FEHER MARY MADELEINE J 3487 JEANNE MANCE ST MONTREAL 18 QUE	B A 4 LA 1950
FEHR GORDON JOHN 3505 WESTMORE N D G MONTREAL QUE	B ENG CH 3 DE 8303
FEIDELBERG MICHAEL MACDONALD COLLEGE 10 SHMARYAHU LEVIN ST TEL AVIV ISRAEL	B SC AGR 4
FEINDEL JOHN HOWARD 3617 LORNE CRESENT MTL BRIDGEWATER N S	MD CM 1 LA 0463
FEINGOLD BRYNA 5135 LACOMBE AVE MONTREAL QUE	B A 1 AT 1920
FEIWEL JERZY GEORGE R 5946 ESPLANADE AVE MONTREAL QUE	B COM 2
FEKETE GEORGE IVAN 3511 UNIVERSITY ST MTL 227 WESTMINISTER AVE MONTREAL QUE	B ENG MCH 4 MA 7527
FELDMAN DIANE SORREL 732 UPPER ROSLYN AVE WESTMOUNT QUE	M S W 1 EL 0315
FELDMAN IRWIN 4169 ST LAWRENCE BLVD APT 10 MONTREAL QUE	B SC 4 HA 0150
FELDMAN MALCA 806 STUART AVE APT 11 MONTREAL QUE	B ARCH 6 CR 0316
FELDSTEIN DAVID IVAN 5470 HUTCHISON ST APT 2 MONTREAL QUE	B ENG 1 CR 7197
FELLEGI CATHERINE ERIKA 3470 RIDGEWOOD AVE MONTREAL QUE	B F A 3
FELLOWS BARBARA RUTH ROYAL VICTORIA COLLEGE 46 OAKLAND AVE ALBANY 5 N Y U S A	MD CM 3
FENSTON JOHN 4917 LASALLE BLVD VERDUN QUE	LL M 2 YO 0550
FENWICK JOHN DOUGLAS 697 VICTORIA AVE WESTMOUNT QUE	B SC 2 EL 2662
FENYES JOSEPH 1528 MOUNTAIN ST APT A MONTREAL QUE	PH D 2 HA 2036
FERDON LEONARD NORCROSS 27 CLAREMONT AVE POINTE CLAIRE QUE	B ENG 1
FERENCZY MIKLOS 6065 SHERBROOKE W APT 14 MONTREAL QUE	B ENG 2
FERGUSON DAVID MARTIN 1 FORDEN AVE WESTMOUNT QUE	B A 2 FI 4260
FERGUSON JOHN MUNROE 3775 UNIVERSITY ST MTL DUNDEE QUE	MD CM 4 PL 1251
FERGUSON ROBERT H 5891 DECELLES AVE APT 1 MONTREAL 26 QUE	MED DIPL 2 EX 3378
FERGUSON SHEILA MCLEAN MACDONALD COLLEGE 25 MAPLE AVE EAST ANGUS QUE	TCH INT 2
FERGUSSON HELEN CHARLENE 4429 MELROSE AVE MONTREAL QUE	B SC 2 EL 7869
FERNANDEZ E GUILLERMO 3539 LORNE AVE MONTREAL QUE	B ENG CIV 5
FERNANDEZ JULIO ALBERTO 1469 DRUMMOND ST APT 60 CRA 6 A 1439 BOGOTA COL S A	B ENG 2 PL 8500
FERNANDO DERRICK MOHINDA MACDONALD COLLEGE C O DIRECTOR TECH ASST DEPT OF TRADE & COMM OTTAWA ONTARIO	M SC 2
FERRABEE HENRY GILBERT 4424 EARNSCLIFFE AVE MONTREAL 28 QUE	M A 2 HU 8 5242
FERRABEE JOHN GILBERT 1509 SHERBROOKE ST W MONTREAL QUE	B COM 2 FI 6991
FERRIER JUDITH ANN 630 CARLETON AVE WESTMOUNT QUE	B A 2 WA 8600
FERRIER MARY JANE 132 ARLINGTON AVE WESTMOUNT QUE	B A 4 GL 1886
FERRIS GEORGE 4685 ST HUBERT MONTREAL QUE	B ENG 2 CH 4896
FERRIS JOHN ALBERT 50 ST JEAN BAPTISTE VALLEYFIELD QUE	M A 2
FETT MICHAEL FRANCIS 7581 DE L EPEE AVE MONTREAL QUE	B ENG 2 TA 5624
FETTERLY ELGIN REA 4865 WEST BROADWAY N D G MONTREAL QUE	B ENG CH 4 WA 7695
FIELD GEORGE WILLIAM 3555 BELMORE AVE N D G MONTREAL QUE	B SC 4 WA 4868
FIELD GORDON CONWAY 3508 UNIVERSITY ST MTL 200 FARADAY ST OTTAWA ONT	B ENG EL 4
FIELDING ROBERT EDWARD 258 SHERBROOKE W MTL WESTERN UNION TEL CO FAYAL AZORES	B ENG PWR 5 BE 7102
FIGUEROA FORTUNATO M 2030 PATRICIA AVE MONTREAL 28 QUE	M ENG 3 WA 7576
FILIPOVICH VLADDY V 3472 SHUTER ST APT 3 MTL BOX 264 VALDOR QUE	B ENG 2 PL 2969
FINCH ERNEST RONALD WILSON HALL 329 22ND ST BRANDON MAN	B SC 1
FINDLAY DAVID C 3421 DRUMMOND ST MTL BOX 386 CARLETON PLACE ONT	B SC 2 LA 0950

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FINDLAY FRANCIS CECIL 549 NOTRE DAME AVE ST LAMBERT QUE	B C L 1 OR 1 6727
FINDLAY INA JEAN ROYAL VICTORIA COLLEGE AUNOR GOLD MINES TIMMINS ONT	B A 4 PL 0526
FINDLAY JOAN MARY 216 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B A 4 AT 6744
FINDLAY ROBERT BARCLAY 15 ROXEN RD ROCKVILLE CENTRE NEW YORK U S A	B ENG 2
FINDLAY RONALD FORBES 6558 STARNES AVE MONTREAL QUE	B COM 2 WA 4530
FINDLAY WALLACE IRWIN MACDONALD COLLEGE MCKAY ST STELLARTON N S	M SC 2
FINDLAY WILLIAM ROBERT 3421 DRUMMOND ST MTL CARLETON PLACE ONT	B ENG MCH 3 LA 0950
FINE GLORIA CECILE 5356 BRODEUR AVE MONTREAL QUE	B A 4 EL 5243
FINEGOLD VALERIE 4685 CIRCLE RD MONTREAL QUE	B A 1 EL 1200
FINK NAPOLEON RICHARD T 629 PRINCE ARTHUR ST W MONTREAL QUE 211 FLORENCE ST OTTAWA ONT	MD CM 4
FINKEL RHODA 4540 CLARK ST APT 6 MONTREAL QUE	M PS SC 1 PL 7555
FINKELBERG HOWARD RUSS 5230 DUROCHER ST MONTREAL QUE	B A 2 DO 3390
FINKELSTEIN SUZANNE 406 PINE AVE WEST MONTREAL QUE	B COM 2 BE 8996
FINLAY JAMES ELLIS 1562 PINE AVE W MONTREAL QUE	GRAD QUAL 1 FI 0571
FINLAYSON JEAN ANNE MACDONALD COLLEGE 340 STEWART ST OTTAWA ONT	B SC H EC 3
FINLAYSON MARY RUTH MACDONALD COLLEGE 340 STEWART ST OTTAWA ONT	B SC H EC 3
FINLEY ALAN HOWARD DOUGLAS HALL 320 COTE ST ANTOINE RD WESTMOUNT QUE	MD CM 4
FINN JOHN JOSEPH 3605 JEANNE MANCE ST MTL 795 ELLIOTT E WINDSOR ONT	B ENG 2 HA 2070
FIRTH JOHN DANIEL A 3491 ATWATER AVE APT 22 MONTREAL QUE	MED DIPL 1 WE 4855
FISCHBORN HANS HEINRICH 368 WOOD AVE WESTMOUNT QUE	B ENG 1 FI 7563
FISCHER LAWRENCE EMIL 320 ROCHON ST VILLE ST LAURENT QUE	B ENG MCH 5 BY 5040
FISCHL JOHN EDWARD 3610 DUROCHER ST MTL BOX 150 PRESCOTT ONT	B COM 1 BE 2950
FISH DIANA ELAINE 598 ARGYLE AVENUE WESTMOUNT QUE	PHYSIOTH 2 FI 3498
FISH MICHAEL JAMES S 598 ARGYLE AVE WESTMOUNT QUE	B ARCH 3 FI 3498
FISHER ELAINE FRANCES 3525 GREY AVE MONTREAL QUE	B SC 3 DE 1298
FISHER GEORGE ROBERT 3445 PEEL ST MTL 2284 DORCHESTER ST W MONTREAL QUE	B C L 2 HA 9462
FISHER GLEN THOMAS 3525 GREY AVE MONTREAL QUE	B ENG 1 DE 1298
FISHER HAROLD DEAN DEPT OF ZOOLOGY ST ANDREWS N B	PH D 3
FISHER MARILYN THOMPSON ROYAL VICTORIA COLLEGE 177 DENNISON BLVD BOURLAMAQUE QUE	B SC 4 PL 0495
FISHER MARVIN 5553 PARK AVE MTL 467 BONAVENTURE ST THREE RIVERS QUE	B COM 2 CA 1351
FISHER MARY LOUISA 2039 UNIVERSITY ST MONTREAL QUE	MD CM 4 HA 6081
FISHER ROSE MACDONALD COLLEGE 6258 DE VIMY AVE MONTREAL QUE	TCH ELEM 1
FISHMAN JOSEPH 4783 MAPLEWOOD AVE MONTREAL QUE	MD CM 3 EX 8318
FISHMAN SHEROLD 1462 GUY ST APT 34 MONTREAL QUE	PH D 4 FI 0242
FISKE CLARENCE A S 3575 PEEL ST MTL MARTINTOWN ONT	B C L 4 HA 1522
FITCH MONA 5510 DUROCHER AVE OUTREMONT MONTREAL QUE	PARTIAL 0
FITZGERALD BRUORTON R 3466 MCTAVISH ST MTL FAIRVIEW TRINITY E NEWFOUNDLAND	MD CM 4 LA 9533
FITZGERALD GEORGE T 1154 ELM WINDSOR ONT	B ENG CIV 3
FITZGERALD PATRICK JOSEP INTERNS RESIDENCE ROYAL VICTORIA HOSPITAL	MED DIPL 1 PL 1251
FITZHARDINGE PAMELA M 31 UNION BLVD ST LAMBERT QUE	MD CM 1 OR 1 7303
FITZSIMMONS EDWARD PETER P O BOX 192 WESTMOUNT P O BOX 399 PROVIDENCE RHODE ISLAND U S A	M A 1 WE 5958
FITZSIMMONS MURRAY C 6642 MCLYNN AVE MONTREAL QUE	B COM 3 EX 4841
FLAMER ARTHUR AARON 4899 ST LAWRENCE BLVD MONTREAL QUE	B ARCH 6 LA 9569
FLANAGAN CLARE ELIZABETH 659 GROSVENOR AVE MONTREAL QUE	B A 3 EL 6865
FLAVELL RONALD ALEXANDER 1042 RIVERVIEW AVE VERDUN QUE	B ENG 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FLEISCHMAN RONA ADELE 5143 WESTBURY AVE MONTREAL 29 QUE	B A 3 AT 7685
FLEMING EDWARD DANIEL 3473 UNIVERSITY ST MTL 96 JAMES ST E BROCKVILLE ONT	B A 1
FLEMING JOHN MURRAY 3455 COTE DES NEIGES MTL 103 SUMMIT AVE PORT ARTHUR ONT	B ENG 2 WE 2447
FLEMING LORNA EUNICE MACDONALD COLLEGE DUNDEE QUE	B SC H EC 3
FLEMING RAY RAPHAEL 581 GROVENOR AVE MONTREAL QUE	B ENG 1 WA 2100
FLEMING RICHARD GORDON 3473 UNIVERSITY ST MTL 96 JAMES ST EAST BROCKVILLE ONT	B D 2 MA 4902
FLOOD HENRY JOSEPH 3466 MCTAVISH ST MTL 11 CROWN ST SAINT JOHN N B	MD CM 2 LA 9533
FLORAKAS SOPHIE 918 ST LAWRENCE BLVD MONTREAL QUE	B A 3 BE 1682
FLOREANI DOUGLAS BERNARD 8230 CHAMPAGNEUR AVE MONTREAL QUE	B ENG CIV 4 CA 7167
FLOWER LOUIS GEORGE 3055 LINTON AVE APT 6 MONTREAL QUE	M SC 1 EX 0697
FLUET CLAIRE A MCLENNAN HALL BOX 83 STATION K TORONTO ONT	PHYSIOTH 2 PL 0044
FLURRY LOIS CHRISTINE 1208 ST MARK ST MTL C O MRS S W FLURRY SLIDELL LA U S A	PH D 3 WI 6139
FLUSS ZDENEK 9575 LA SALLE BLVD VILLE LA SALLE QUE	M SC 1 WA 4523
FOCH MARLENE 3570 RIDGEWOOD AVE MONTREAL QUE	PARTIAL 0
FOCHS ISAACS NATAO E 3201 FOREST HILL AVE MONTREAL 39 QUE	B C L 3
FOGEL MIRIAM MACDONALD COLLEGE 4594 COOLBROOK AVE MONTREAL QUE	TCH ELEM 1 WA 9693
FOGEL SAM 5688 ESPLANADE AVE MONTREAL QUE	M S W 1 CR 8901
FOGEL WALTER 4594 COOLBROOK AVE MONTREAL QUE	B SC 2 WA 9693
FOLEY LORETTA 2320 BELGRAVE AVE MTL BOX 356 ANTIGONISH N S	M S W 1 WA 6344
FOLLIS JOSEPH GEORGES J 3894 ST DENIS APT 28 MONTREAL QUE	B ENG 1 MA 0477
FOLTIN MARTIN 2 ELLERDALE RD APT 1 HAMPSTEAD QUE	B COM 3 WA 1606
FONTANA ELTIE 7120 DROLET ST MONTREAL QUE	B C L 1 CR 1863
FOOKS FLORENCE REBECCA ROYAL VICTORIA COLLEGE 25 COURT DRIVE WILMINGTON DELAWARE U S	B A 4 PL 0526
FORBES ADA JESSIE 420 WISEMAN AVE OUTREMONT MONTREAL QUE	EDUCATION 5 CA 3883
FORBES ALBERTO MALCOLM DOUGLAS HALL CASILLA 2191 SANTIAGO CHILE	B COM 3 HA 3778
FORBES COLIN EDWARD 3474 MCTAVISH ST MTL 18A DUKE ST KINGSTON JAMAICA B W I	MD CM 2 PL 0922
FORD CLIFFORD 50 ALEPIN AVE VILLE LASALLE QUE	B SC 4 HE 1498
FORD JAMES DOUGLAS 3507 UNIVERSITY ST MTL JALNA ST LAWRENCE GAP CHRIST CHURCH BARBADOS B W I	B ENG CH 3
FORD JOHN DANIEL 7 CANARY RD STRATHMORE MONTREAL 33	M SC 1 ME1 3134
FORDE JOHN MARTIN 3480 DE BULLION ST APT 6 MONTREAL QUE	B ENG MCH 3 BE 1896
FOREST MICHEL HENRI J 5516 EADIE MONTREAL QUE	B SC 2 HE 3681
FORGET LUCIE 3452 VENDOME AVE MONTREAL QUE	M A 2 DE 8083
FORREST PATRICIA C 4764 ADAM STREET MONTREAL QUE	B SC 1 CL 8531
FORREST THOMAS 3504 PARK AVE APT 15 MTL 51 KEW GARDENS RD KEW GARDENS 15 N Y U S A	MD CM 1 HA 8829
FORSE RAYMOND ARMOUR 153 JEAN TALON ST E MTL SALISBURY N B	MED DIPL 5 TA 4289
FORSEY JOAN MAUDE ROYAL VICTORIA COLLEGE 30 CORNWALL CRESCENT ST JOHNS NFLD	B A 1 PL 0597
FORST WENDELL 548 PRINCE ARTHUR ST W MONTREAL QUE	M SC 1 HA 7579
FORTH DAVID SELWYN 3473 UNIVERSITY ST MTL 113 MAPLE AVE OAKVILLE ONT	B A 4 MA 4902
FORTIN JOSEPH GILLES 63 MAILHOT ST THETFORD MINES QUE	B ENG CIV 5
FOSTER GEORGE WILLIAM 438 MERTON AVE ST LAMBERT QUE	B ENG CH 3 OR 1 7628
FOSTER RODERICK CAMPBELL 1455 DRUMMOND ST APT 1019 MONTREAL QUE	B COM 4 BE 8583
FOTHERINGHAM JOHN BROOKS 5 ST GEORGES PLACE WESTMOUNT QUE	MD CM 3 EL 0892
FOWLER RUTH CAROLYN 232 PORTLAND AVE TOWN OF MT ROYAL QUE	B SC 1 AT 7587
FOWNES WILLIAM CHARLES MACDONALD COLLEGE SOUTH SIDE BADDOCK VICTORIA CO CAPE BRETON N S	B SC AGR 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FOX FREDERICK GERALD 1849 DORCHESTER ST W MONTREAL QUE	B A 4 GL 3703
FOX GEOFFREY ERIC NORMAN 30 MAISOLAIS AVE MTL 2811 W 32 VANCOUVER B C	PH D 0 DO 9456
FRAIKIN CLAIRE MARIE L 376 GRENFELL TOWN OF MT ROYAL QUE	PHYSIOTH 3 AT 5247
FRANCHE PIERRE ALBERT H 9055 ST DENIS ST APT 1 MONTREAL QUE	B ENG CH 3 DU 8204
FRANCIS SHIRLEY VERONICA ROYAL VICTORIA COLLEGE C O MDSE DEPT LA LIMA SPANISH HONDURAS C A	B SC 3 PL 0571
FRANCOEUR MARC 2058 VICTORIA ST MONTREAL QUE	PH D 3 MA 7092
FRANCOEUR PEARL 2058 VICTORIA ST MONTREAL QUE	M SC 1 MA 7092
FRANK ALLAN BARRY 3329 APPLETON AVE MTL 40 PRICE ST KENOGAMI QUE	B SC 3 RE 3 2441
FRANK ARLEN WALKER 23 BURTON AVE WESTMOUNT QUE	PH D 2 WA 3493
FRANK BERNICE 5885 MACDONALD AVE MONTREAL QUE	PARTIAL EX 6403
FRANK ELEANOR 4415 CIRCLE RD MONTREAL QUE	B A 3 AT 3533
FRANK MARGIT 1290 PINE AVE W MONTREAL QUE	M A 2 HA 1143
FRANK SIDNEY IRWIN 4906 QUEEN MARY RD APT 9 MONTREAL QUE	B COM 3 RE 3 3981
FRANKEL JOHN DAVID 2039 MCGILL COLLEGE MTL 236 DOUGLAS DRIVE TORONTO ONT	B ENG 2 PL 1600
FRANKEL JOSEPH 6230 CLANRANALD AVE MONTREAL QUE	B C L 1 EX 6993
FRANKEL SAUL 6060 DARLINGTON AVE MONTREAL QUE	PH D 3 EX 6948
FRANKLIN DAVID ROBERT 504 ROSLYN AVE WESTMOUNT QUE	B A 1 GL 2676
FRANTZESKAKIS FRANCOIS 3506 UNIVERSITY ST MONTREAL QUE	B ENG 1
FRAPPIER JEAN PAUL 69 MARCHE ST VALLEYFIELD QUE	B ENG 1
FRASER BARBARA GWENDOLYN ROYAL VICTORIA COLLEGE 6 PLEASANT VIEW CIRCLE R R 2 DAYTONA BEACH FLORIDA U S A	B A 3
FRASER JAMES ARCHIBALD 3562 DRUMMOND ST MTL 575 MINE HILL RD FAIRFIELD CONN U S A	B A 4 HA 2993
FRASER JOAN COLL 174 EDGEHILL RD WESTMOUNT QUE	B A 3 WA 3071
FRASER JOHN MACLEOD DOUGLAS HALL 150 ACACIA AVE OTTAWA ONT	B A 2
FRASER MAFINA ALICE MACDONALD COLLEGE COOKSHIRE QUE	TCH ELEM 1
FRAZEE JAMES LITTLE 2 BEAUMONT ST LONDON W 1 ENGLAND 1551 ANGUS DRIVE VANCOUVER B C	MED DIPL 4
FRAZIER ROBERT WALTER 3466 MCTAVISH ST MTL COLONIAL HEIGHTS MERIDAN CONN U S A	MD CM 2 LA 9533
FREDERICK HAROLD THOMAS 7106 DUROCHER ST APT 1 MONTREAL QUE	MD CM 3 CR 7598
FREEBOROUGH DINAH MIRIAM 3489 VENDOME AVE N D G MONTREAL QUE	B A 3 EL 0872
FREEDMAN ARTHUR NEWMAN 4832 VICTORIA AVE MONTREAL QUE	MD CM 2 DE 1881
FREEDMAN BEVERLEE CAROL 4832 VICTORIA AVE MONTREAL QUE	B A 1 DE 1881
FREEDMAN IRWIN 2530 VAN HORNE AVE MONTREAL QUE	B SC 1 EX 3580
FREEDMAN LAWRENCE 363 MAYOR ST APT 4 MONTREAL QUE	B COM 2 MA 2040
FREEDMAN MORTON 363 MAYOR ST APT 4 MONTREAL QUE	B SC 4 MA 2040
FREEDMAN RICHARD ORKIN 658 MURRAYHILL WESTMOUNT QUE	B SC 1 EL 4931
FREEDMAN SAMUEL ORKIN 658 MURRAY HILL MONTREAL QUE	MD CM 4 EL 4931
FREEMAN DOROTHY RUTH 4964 FULTON ST MONTREAL QUE	M S W 1 AT 5328
FREEMAN PETER VERNER C O GEOLOGY DEPT MCGILL C O WILLIAMSON DIAMONDS P B NAIROBI KENYA AFRICA	M SC 1
FREEZE HOWARD FRANK 3608 OXGENDEN AVE MTL 2136 HOPE ST CALGARY ALTA	D D S 2 PL 1305
FRENCH DONALD HERBERT 45 51ST AVENUE LACHINE QUE	B SC 3 NE5 2997R
FRENCH GUY PARSONS 4937 CORNATION AVE MONTREAL 29 QUE	B A 3 HU 8 4555
FRENCH JUDITH ESTHER MACDONALD COLLEGE 10771 ST DENNIS ST MONTREAL 12 QUE	TCH ELEM 1
FRENETTE ORVILLE 3725 BRASSET ST MTL 212 ARMSTRONG ST OTTAWA ONT	B C L 3 HA 5979
FREWIN ROBERT THROSBY 16 NORTHCOTE RD HAMPSTEAD QUE	B COM 4 DE 1533
FRIDHANDLER LOUIS 4505 DUPUIS AVE APT 8 MONTREAL QUE	PH D 3 RE3 1228

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FRIEDLANDER WILLIAM 4236 ST URBAIN ST MONTREAL QUE	B ENG 1
FRIEDMAN ANNE 4901 FULTON ST MONTREAL QUE	B COM 1 EX 2264
FRIEDMAN CHARLES 5730 NORTHMOUNT AVE MONTREAL QUE	B ENG 1 EX 1558
FRIEDMAN IRVING 316 DUFFERIN RD HAMPSTEAD QUE	B ENG MCH 5 HU 8 4100
FRIEDMAN JOSEPH 1046 VAN HORNE APT 8 MONTREAL QUE	B ENG CH 4 VI 7021
FRIEDMAN JERRY JOSEPH 4373 WESTMOUNT AVE WESTMOUNT QUE	B COM 4 DE 4943
FRIEDMAN LEON 5787 PLANTAGENET MONTREAL QUE	B SC 4 EX 9042
FRIEDMAN ROBERT HARRY 3285 LINTON AVE APT 10 MONTREAL QUE	B A 3 RE 3 3320
FRIEDMAN RONA PHILLIS MACDONALD COLLEGE 4893 DE LA PELTRIE MONTREAL QUE	TCH ELEM 1
FRIEDMAN WILFRED ARMIN 3851 UNIVERSITY ST MTL R R 1 BOX 203 SANTA FE NEW MEXICO	MD CM 4
FRIEDMAN WOLFE M 4830 CTE ST CATHERINE RD APT 1A MONTREAL QUE	B C L 1 RE3 6374
FRIEND GREGORY 3695 JEANNE MANCE MTL 63 DELISLE AVE TORONTO ONT	PARTIAL 0 HA 5543
FRIS VAN HENRY JR 78 ST JOHN RD POINTE CLAIRE QUE	B COM 1
FROSST DONALD SYDNEY 3050 TRAFALGAR AVE MONTREAL QUE	B SC 2 FI 5014
FROST VIOLET ERNESTINE 42 BURTON AVE WESTMOUNT QUE	MED DIPL 1 DE 2557
FRYER MARY ANNA C MACDONALD COLLEGE 565 LINDSAY ST APT 8 DRUMMONDVILLE QUE	TCH ELEM 1
FUJIMAGARI TAKETOMO 3573 HUTCHISON ST MTL BOX 528 TABER ALTA	MD CM 1 BE 4370
FULFORD WILLIAM RALPH 3508 UNIVERSITY ST MTL 964 6TH AVE EAST OWEN SOUND ONT	B COM 4 HA 4873
FULLER VIVIAN MAE ROYAL VICTORIA COLLEGE 24 WILSON AVE SCHANACTADY N Y U S A	B SC 4
FULLER WILLIAM HENRY 3445 ONTARIO AVE MONTREAL QUE	B ENG 1 LA 1852
FUNDERBURK DANIEL CARL 3641 UNIVERSITY ST MTL 4132 COLORADO ST LONG BEACH 14 CAL U S A	MD CM 1 LA 0565
FUNG MIU YUNG ROYAL VICTORIA COLLEGE 234 PRINCE EDWARD RD HONGKONG CHINA	B ARCH 2 UN 6 0113
FUNG A LING WHITTINGTON 3656 DUROCHER ST APT 1 M MACKENZIE DEMERARA RIVER BRITISH GUIANA	B SC 4 BE 9458
FURLONG GLADYS ELEANOR 584 INVERNESS AVE TOWN OF MT ROYAL QUE	M S W 2 EX 3440
FURST MAX 258 SHERBROOKE ST W MTL SAN PEDRO SULA HONDURAS C A	B ENG CIV 5 BE 7102
FUSEY ROBERT ERNEST 376 ST VIATEUR W APT 4 MONTREAL QUE	B C L 4 DO 8849

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GABRYEL JENNIE 6595 15TH AVE ROSEMOUNT QUE	B SC 1
GADBOIS DENISE LOUISE 860 SHERBROOKE ST E MTL DORION VAUDREUIL QUE	M S W 2 CH 6542
GAERBER EDGAR VICTOR 1457 MCGILL COLLEGE AVE 1917 TORONTO ST REGINA SASK	B COM 2 MA 7988
GAETZ HAROLD PARRY 3745 DUPUIS AVE APT 11 MONTREAL QUE	B SC 4
GAGNON ALBERT DENIS 430 MCARTHUR AVE OTTAWA ONT	B ENG COM 5
GAGNON NORMAND CHARLES 3707 JEANNE MANCE MTL 2426 BLVD ROYAL SHAWINIGAN FALLS QUE	B ARCH 3 HA 5090
GAHAN JOAN ARLENE 24 KENASTON AVE TOWN OF MT ROYAL QUE	PHYSIOTH 2 AT 9691
GAHAN TERRY ANN 4378 WESTERN AVE WESTMOUNT QUE	B A 2 WE 1274
GAHERTY DIANA MARGARET H 636 SYDENHAM AVE MONTREAL QUE	B COM 2
GAHERTY WILLIAM DENIS 636 SYDENHAM AVE MONTREAL QUE	B ENG 2 DE 2402
GAIR JOYCE MARY HELEN 5190 TRENHOLME AVE MONTREAL WEST QUE	GR N CERT 1 EL 6397
GALE ROBERT EARL 1448 MACKAY ST MTL 202 LAURIER ST ASBESTOS QUE	B ENG 2 GI 1394
GALIPEAU JOHN FERNAND 6690A CHRISTOPHE COLOMB MONTREAL QUE	B ENG MCH 3 VI 7833
GALL DALE JOHN CENTRAL Y M C A 448 KING ST W CHATHAM ONT	B SC P ED 1
GALLAY ROLLIN LAWRENCE 149 ST JOSEPH BLVD W MONTREAL QUE	B A 3 CR 2667
GALLAY RONALD EDWARD 4076 MARCIL AVE MONTREAL QUE	B COM 3 DE 9745
GALLAY TILYA ROYAL VICTORIA COLLEGE 490 CLOVERDALE RD ROCKCLIFFE ONT	B A 3 UN 6 0198

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GALLER MARKUS 5448 CASGRAIN AVE MONTREAL QUE	B ENG AM 3 GR 2801
GALLEY JOAN GERTRUDE ROYAL VICTORIA COLLEGE 111 SOUNDVIEW AVE WHITE PLAINS N Y U S A	B A 4 UN 6 0168
GALUGA WALTER 4125 COLONIAL AVE MONTREAL QUE	B C L 1 LA 6502
GAMACHE MARIE LISE O 3491 GIROUARD AVE MONTREAL QUE	B SC 1 EL 1820
GAMEROFF MARVIN BERNARD 736 WILDER AVE OUTREMONT QUE	B A 4 AT 1577
GAMEROFF MAXINE FLORENCE 736 WILDER AVE OUTREMOUNT QUE	B A 1 AT 1577
GAON DAVID 3225 LINTON AVE MONTREAL QUE	B ENG 2 EX 4907
GARBER HARRIET 944 DAVAAR AVE APT 1 OUTREMONT QUE	B SC 1 GR 6124
GARBER SEYMOUR STANLEY 4249 ESPLANADE AVE MONTREAL QUE	B A 3 BE 1257
GARBUZ ASHER 5614 WAVERLY AVE MONTREAL QUE	B COM 4 VI 9280
GARBY GEORGE ROBERT 965 10 AVE LACHINE QUE	B ENG 2 NE5 3146J
GARCEAU BERNARD 325 ST JOSEPH BLVD E APT 4 MONTREAL QUE BOX 54 BANLIEUE DES TROIS RIVIERES QUE	B ENG MCH 3 LA 4726
GARCEAU JEAN 6978A DE NORMANVILLE MONTREAL QUE	B COM 3 CR 7850
GARDERE YVES EMILE 3102 CUYARD AVE MTL 11 AVE GREGOIRE PETIONVILLE HAITA	B COM 4 EX 4060
GARDINER LORNE MARVIN MACDONALD COLLEGE FOREST INSECT LAB BOX 490 SAULT STE MARIE ONTARIO	PH D 2
GARDNER DONALD STANLEY MACDONALD COLLEGE 4872 COTE DES NEIGES RD MONTREAL QUE	PARTIAL 0
GARDNER JOHN REED 4200 MADISON AVE N D G MONTREAL QUE	B ENG 2 EL 4987
GARDON JOHN LESLIE 758 SHERBROOKE ST W APT 22 MONTREAL QUE	PH D 1 BE 8636
GAREAU URBAN PAUL F 3504 PARK AVE APT 21 MTL 2330 SMITH ST REGINA SASK	MD CM 4 HA 2779
GARFINKLE SAMMY BERNARD 6086 HUTCHISON ST MONTREAL QUE	B ENG 1 CA 9269
GARGAS JOHN 5737 MALLET ST MONTREAL QUE	M ENG 2 AM 1747
GARMAISE ARTHUR FRANKLIN 6318 TRANS ISLAND AVE MONTREAL QUE	PARTIAL 0 BE 7258
GARMAISE GOLDA RUTH 6040 WILDERTON AVE MONTREAL QUE	B A 1 AT 3605
GARNEAU GILLES 6280 DELAROCHE MONTREAL QUE	B ENG 1 VI 3936
GARNEAU JEAN CLAUDE 6280 DELAROUCHE ST MONTREAL QUE	B ENG CIV 5 VI 3936
GARSON JANET NAOMI ROYAL VICTORIA COLLEGE YARMOUTH N S	B A 2 PL 0113
GARZON VILLOTA MARIO A MACDONALD COLLEGE CALLE 21 21 BOS 70 PASTO COLOMBIA	AG AD DIP 1
GASCO SHEILAGH 55 MCNIDER AVE MONTREAL QUE	B A 1 CR 8653
GATES KENNETH ARNOLD F 80A UPPER LANSDOWNE AVE WESTMOUNT QUE	B C L 3 EL 8690
GAUDET GERALD JOSEPH 39 THORNHILL AVE WTMT QU 240 LUTZ ST MONCTON N B	B ARCH 6 WE 1894
GAUDREAU JACQUELINE A 775 RACHEL EAST MONTREAL QUE	B COM 3 CH 9881
GAUDREAULT JEAN MARIE 632 BELMONT AVE WESTMT MOONBEAM ONT	B ENG 1 EL 3401
GAULT MATHEW HENRY 3550 PEEL ST APT 1 MONTREAL QUE	MD CM 3 BE 0261
GAULT WALDEN TOWNSEND 3482 MCTAVISH ST MTL 344 N STEELE RD W HARTFORD CONN U S A	B SC 4 PL 1674
GAUNCE MARION FRANCES MACDONALD COLLEGE DOLBEAU QUE	TCH INT 1
GAUTHIER GHISLAIN MARCEL 2119 GIROUARD AVE MONTREAL QUE	B ENG 2 EL 9975
GAUTHIER OLIVIER 10739 GRANDE ALLEE MONTREAL QUE	B C L 1 DU 1410
GAUVIN JEAN EMILE 3454 HUTCHISON ST 31 AVE DES BOULEAUX MONTMAGNY QUE	B ENG 2 HA 8841
GAYLE ESAU EDWARD 137 EAST STR KIN JAMAICA B W I	B COM 3
GEAN DAVID ALAN 3905 PLAMONDON MTL 4007 ILLINOIS FRESNO CAL U S A	MD CM 4
GEAR WILLIAM HERRON 4715 WESTMOUNT BLVD WESTMOUNT QUE	B COM 1 DE 8293
GEDDES LESLIE ALEXANDER 157 TRENTON AVE TOWN OF MT ROYAL 4807 MONTROSE BLVD HOUSTON TEXAS U S A	M ENG 0 AT 7011
GEE WILLIAM BRIAN MACDONALD COLLEGE MELBOURNE QUEBEC	AGR DIP 1
GEER PITAMBER 3519 LORNE AVE MTL 39 SANDY BABB ST KITTY VILLAGE BR GUIANA	B SC 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GEISERT FREDERICK ERNEST DOUGLAS HALL 5063 LK WASH BLVD SO SEATTLE 8 WASH U S A	MD CM 4
GELBER EDNA CECIL ROYAL VICTORIA COLLEGE 42 AUSTIN TERRACE TORONTO ONT	B SC 1
GELBER HERMAN 8572 BIRNAN MONTREAL QUE	B SC 1 CA 7192
GELBER NAHUM 802 UPPER LANSDOWNE MONTREAL QUE	B A 3 DE 4519
GELFAND MIMI 4422 MARCIL AVE MONTREAL QUE	B A 1 WA 1485
GEMMELL VIOLET E A 78 PARKDALE AVE VALOIS QUE	TCH INT 2
GENDRON LUCIEN JEAN 1430 ST DENIS ST MTL VERCHERES QUE	PH D 4 MA 5311
GENENDER LARRY 4 KELVIN AVE OUTREMONT QUE	B SC 2 AT 2731
GENEREUX PIERRE EDWARD 53 POINTE CLAIRE AVE POINTE CLAIRE QUE	B ENG 1
GENTLES EARL ROBERT 570 MILTON ST APT 14 MONTREAL QUE 843 SO 14TH ST NEWARK 8 N J U S A	B ENG CIV 5 BE 7602
GEORGE DAVID BRYDEN MACDONALD COLLEGE KEMPTVILLE ONT	B SC AGR 1
GEORGE DONALD ARTHUR 331 NOTRE DAME ST ST LAMBERT QUE	B ENG PHY 3 OR 11482
GEORGULAKIS NICHOLAS 2615 ST JAMES ST W MONTREAL QUE	B A 4 FI 0016
GERARD ALICE H 1245 ST MARK ST APT 19 MONTREAL QUE PALISADES ROCKLAND CO NEW YORK U S A	GRAD QUAL 1 FI 1860
GERARD ANDREW MAURICE MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
GERARD ROBERT DANIEL 1245 ST MARK ST APT 19 MONTREAL QUE PALISADES ROCKLAND CO NEW YORK U S A	M SC 1 FI 1860
GERHARDT ALEIDA ROYAL VICTORIA COLLEGE P O BOX 107 CURACAO W A	B A 1
GERIN LAJOIE GUY ANTOINE 15 SUNSET AVE OUTREMONT QUE	B ARCH 3 AT 0285
GERIN LAJOIE JEAN 285 MCDOUGALL ST MONTREAL 8 QUE	PH D 4 CA 3555
GERIN LAJOIE MICHAEL A J 285 MCDOUGALL OUTREMONT QUE	CA 3555 1 LA 3555
GERMAIN LEON JOSEPH V 4080 HARVARD AVE MONTREAL 28 QUE	B ENG PHY 5 CA 3555
GEROW MARJORIE ANN 1401 SHERWOOD CRESENT TOWN OF MT ROYAL QUE	B SC P ED 1 AT 6024
GERRIE NANCY KATHLEEN 5747 COTE ST LUC RD MONTREAL QUE	PHYSIOTH 1 EL 3290
GERTEL RUTH RACHEL 5211 SARANAC AVE MONTREAL QUE	B A 3 DE 9987
GERTLER DAVID 335 CLARKE AVE APT 21 MONTREAL QUE 420 AVE E SO SASKATOON SASK	B COM 4 WE 9460
GERTLER SYLVIA 335 CLARKE AVE APT 21 WESTMOUNT QUE	M S W 2 WE 9460
GERVAIS ARTHUR JOHN 4330 WILSON AVE MONTREAL 28 QUE	D D S 4 EL 2563
GHANTOUS FRED 7490 WISEMAN AVE MONTREAL QUE	B COM 3 TA 5284
GIBBONS JAMES EASTWOOD ROYAL VICTORIA HOSPITAL 33 RUSSELL ST SMITH FALLS ONT	MED DIPL 2 PL 1251
GIBERSON PATRICIA ANNE 2019 STANLEY ST APT 14 MONTREAL QUE	M S W 3 BE 4757
GIBSON FRANK BLAKE 3485 MCTAVISH ST MTL 2851 SEDGWICK AVE NEW YORK 68 N Y U S A	D D S 3 MA 0141
GIBSON MARY LYDIA ROYAL VICTORIA COLLEGE 171 PRESCOT ST READING MASS U S A	PHYSIOTH 3 PL 0571
GIDUMAL JANKI LELAVANTY ROYAL VICTORIA COLLEGE 8 TAI HANG RD HONGKONG CHINA	B SC 2 PL 0477
GIL RAFAEL ERNESTO CALLE 11 11 03 BOGOTA COLOMBIA S A	B ENG 1
GILBERT ANDRE LAURENT 4144 MARLOWE ST MONTREAL QUE	B ENG EL 4 DE 6997
GILBERT IAN 4665 ROSLYN AVE MONTREAL 6 QUE	B COM 4 EL 3257
GILBERT JACQUES 115 SHERBROOKE E MTL 71 NOTRE DAME EAST VICTORIAVILLE QUE	B ENG PHY 3 LA 8612
GILBERT MARION IRIS MACDONALD COLLEGE BISHOPTON QUE	B SC H EC 4
GILBEY MAY ELIZABETH MACDONALD COLLEGE BOX 176 LENNOXVILLE QUE	B SC H EC 1
GILCHRIST DONALD WILMOTT MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 1
GILES ESTHER EDMEE ROYAL VICTORIA COLLEGE 18 LEMESURIER AVE QUEBEC CITY QUE	B A 4 PL 0495
GILES JOHN BEVANS DOUGLAS HALL 229 SECOND ST E CORNWALL ONT	B COM 2 PL 6001
GILICK BERNARD CECIL 6262 DEACON RD MONTREAL QUE	B COM 1 EX 4030
GILLARD EDITH ANGELA MACDONALD COLLEGE 1325 CARDINAL ST VILLE ST LAURENT QUE	TCH INT 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GILLESPIE THOMAS W K 1832 SHERBROOKE ST W APT 4 MONTREAL QUE	PARTIAL 1 FI 7372
GILLETT LAWRENCE BRITTON 121 BROCK AVE S MONTREAL QUE	B SC 4 DE 7249
GILLIES DEIRDRE MAY M 2100 MARLOWE AVE MTL 33 RAVELSTON DYKES EDINBURGH 12 SCOTLAND	MED DIPL 1
GILLMAN JOHN JACOB 5989 TRANS ISLAND AVE MONTREAL 29 N D G	B ENG 1 EX 4381
GILLMAN NEIL GARDNER 4375 OXFORD AVE MTL 1 LEMESURIER AVE QUEBEC CITY QUE	B A 3 EL 1241
GILLON NORMAN HAROLD 5015 CAVENDISH BLVD MONTREAL QUE	B ENG PHY 4 WA 4697
GILMER DONALD ROBERT 4865 GRAND BLVD MONTREAL QUE	B ENG 1 WA 1951
GILMORE EDWARD 3424 STANLEY ST MTL 4 TAVERN RD BOSTON MASS U S A	LL M 1 MA 0526
GILMOUR MARY FRANCES 362 KENSINGTON AVE WESTMOUNT QUE	B A 1 WI 1982
GILMOUR MEREDITH MACK 2156 SHERBROOKE ST W APT 9 MONTREAL QUE	B SC 3 FI 1877
GINGRAS LORRAINE 7839 ST DENIS ST MONTREAL QUE	PARTIAL 0 CA 7969
GINGRAS MICHEL ROBERT 5175 HINGSTON AVE MONTREAL QUE	B COM 1 WA 8421
GINSBERG ELSIE 4417 VAN HORNE AVE MONTREAL QUE	M S W 2 EX 3014
GINSBERG SALLY ZELDA 19 BRIARDALE RD HAMPSTEAD QUE	EDUCATION 5 DE 8946
GINSBURG ISAAC 134 ST JOSEPH BLVD W MONTREAL QUE	B ENG PHY 4 CR 2290
GINSHERMAN IRMA GAYLE 5559 CANTERBURY AVE MONTREAL QUE	B A 4 AT 7745
GIORDANO ERNEST GILBERT 2357 TERRASSE GUINDON MONTREAL QUE	B ENG CIV 3 AM 9186
GIORLOFF IRENE INGRID 1731 CHURCH ST N W WASHINGTON D C USA 119 ARCH ST RAMSEY NEW JERSEY U S A	M SC 2
GIRARD GUY 818 LORAINE ARVIDA QUE	B ENG 2
GIRARD MARC A 3734 JEANNE MANCE ST MTL 80 THOMPSON ST SPRINGFIELD MASS U S A	D D S 3 HA 0727
GIROUD CLAUDE JEAN P 385 MILTON ST APT 103 MONTREAL QUE	M SC 2 PL 5673
GIRUAN DAVID THOM MACDONALD COLLEGE 81 MOLYRES RD HALF WAY TREE JAMAICA B W I	B SC AGR 1
GIRVIN ELIZABETH ANN ROYAL VICTORIA COLLEGE 3RR MARIPOSA RD ROCKCLIFFE PARK OTTAWA ONT	B SC 1
GISTRAK ALLAN BERNARD 4606 ST URBAIN ST MONTREAL QUE	B SC 4 PL 2476
GITELMAN HENRY LAWRENCE 4695 JEANNE MANCE ST MONTREAL QUE	B ENG 1 MA 1582
GIVNER MORRY LINCOLN 4534 CLARKE ST MONTREAL QUE	B SC 3 LA 0990
GLADU EDWARD LIONEL 651 MILTON ST MTL 208 BAY ST OTTAWA ONT	B SC P ED 1 PL 4943
GLANVILLE ROGER STEPHEN DOUGLAS HALL	B ENG 2
GLASSFORD PETER BALFOUR 109 SUNNYSIDE AVE WESTMOUNT QUE	B COM 3 DE 7974
GLAZER GABRIEL 6182 DUROCHER AVE MONTREAL QUE	B A 4 VI 8485
GLAZER ROBERT DANIEL 876 DOLLARD AVE OUTREMONT QUE	B ENG 1 DO 5751
GLENN DUNCAN LUNAM MACDONALD COLLEGE BRISTOL QUE	B SC AGR 4
GLICK AARON 5842 JEANNE MANCE ST MONTREAL QUE	B SC 1 VI 4777
GLICKMAN MORTON J 821 PRATT AVE OUTREMONT QUE	B COM 4 EX 7992
GLISERMAN IRWIN 2511 NOTRE DAME ST W MONTREAL QUE	B C L 4 WI 3307
GLOCKNER PETER DOUGLAS HALL 414 3RD ST N W MEDICINE HAT ALTA	B ENG AM 3 LA 8753
GLOS CARL MATTHEW 3422 STANLEY ST MTL 1826 CENTRAL AVE WINDSOR ONT	B ENG CIV 3
GLOS JERRY LLOYD 3422 STANLEY ST MTL 1826 CENTRAL AVE WINDSOR ONT	B ARCH 4
GLUCK BILL 5453 TRANS ISLAND AVE MONTREAL QUE	B A 4 DE 6329
GLUEKSTHAL ANDREW 1501 CHOMEDY ST APT 30 MONTREAL QUE	M C L 1 WE 1724
GLYNN MARY LOUISE 4625 CLANRANALD AVE MONTREAL QUE	B A 4 DE 1569
GNAROWSKI MIECHYSLAV 3235 RIDGEWOOD AVE APT 403 MONTREAL 2216 TAIAN LU SHANGHAI CHINA	B SC 2
GODBER HORTON JAMES 20 ELLERDALE RD MONTREAL QUE	B COM 3 WA 6470
GODDARD EVELYN PATRICIA 6363 11TH AVENUE ROSEMOUNT QUE	B SC 2
GODARD JOHN DENNY 15 BROCK AVE S MONTREAL WEST QUE	M SC 1 DE 7281

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GODBOUT RAYMOND RENE MACDONALD COLLEGE ST THOMAS CO JOLIETTE QUE	AGR DIP 2
GODEL MORRIS 712 ROCKLAND AVE OUTREMONT QUE	B SC 3 CA 5505
GODEL SYDNEY LIONEL 712 ROCKLAND AVE MONTREAL QUE	B ENG 1 CA 5505
GODIN JOSEPH JEAN GUY G 3471 STE CATHERINE ST E MONTREAL 4 QUE	M SC 1 CH 1452
GODIN PIERRE A A 33 GRANVILLE HAMPSTEAD QUE	B C L 1 EL 3914
GODWIN FREDERICK EDWARD 789 DESMARCHAIS BLVD VERDUN QUE	B ENG 2 PO6 2666
GOFFE JOHN BEECHAM M MACDONALD COLLEGE ROSLYN FARM PORT MARIA JAMAICA B W I	AGR DIP 1
GOFFMAN IRVING 5229 HUTCHISON ST MONTREAL QUE	B A 3 TA 9173
GOLD EDWARD MICHAEL 7772 STUART AVE MONTREAL QUE	MD CM 4 VI 0532
GOLD ELAINE JUDITH 4626 MELROSE AVE N D G MONTREAL QUE	B A 1 DE 3860
GOLD MERYL NAOMI 904 DUNLOP AVE OUTREMONT QUE	B SC 1 AT 4282
GOLD ROBERT DONALD 2296 HINGSTON AVE N D G MONTREAL QUE	B A 4 DE 7074
GOLD SHIRLEY MCLENNAN HALL 268 STEWART ST OTTAWA ONT	EDUCATION 5 PL 0044
GOLDBERG HERBERT LEONARD 1344 MT ROYAL BLVD MONTREAL QUE	D D S 2 TA 6931
GOLDBERG LESLIE BERNARD 400 DUFFERIN RD HAMPSTEAD QUE	B SC 1 EL 1635
GOLDBERG MARJORIE MACDONALD COLLEGE 7 STE MARIE RD R R PTE CLAIRE QUE	TCH ELEM 1
GOLDBERG NORMAN JOEL 47 COTE ST CATHERINE RD OUTREMONT QUE	B SC 2 DO 7105
GOLDBERG SAMUEL 4294 CLARKE ST MONTREAL QUE	B A 1 PL 6850
GOLDBERG SYLVIA 4870 JEANNE MANCE ST MONTREAL QUE	M S W 1 CA 5313
GOLDBLOOM RICHARD BALLON 3465 RIDGEWOOD AVE APT 207 MONTREAL QUE	MED DIPL 3 AT 4559
GOLDE VISVALDIS 4323 WESTERN AVE WESTMOUNT QUE	B ENG 2
GOLDEN AIDA 5891 DECELLES AVE MONTREAL QUE	PHYSIOTH 2 EX 6200
GOLDEN SHEILA RUTH 50 BELOEIL AVE OUTREMONT QUE	B A 4 CA 7214
GOLDENBERG SAMUEL JACOB 1277 DUCHARME ST OUTREMONT QUE	B A 1 VI 5388
GOLDHAGEN ERICH 5992 PARK AVE MONTREAL QUE	PARTIAL 0 GR 3844
GOLDMAN BARBARA 4598 EARNSCLIFFE AVE MONTREAL QUE	TCH ELEM 1 DE 4121
GOLDMAN CARL 7988 QUERBES AVE MONTREAL QUE	B ENG CIV 4 TA 9995
GOLDMAN HERBERT BERNARD 5578 WAVERLY ST MONTREAL QUE	B ENG 1 CR 6343
GOLDMAN MARILYN 5433 DUQUETTE MONTREAL QUE	B C L 2 DE 9395
GOLDSMITH MARVIN B 4958 DORNAL AVE MONTREAL QUE	B COM 2 AT 0108
GOLDSTEIN ETHEL 1588 BERNARD AVE W OUTREMONT QUE	B A 3 TA 6601
GOLDSTEIN FRED BERNARD 3925 GOUIN BLVD EAST MONTREAL NORTH QUE	PH D 1 DU 0955
GOLDSTEIN STANLEY EDWARD 488 BLOOMFIELD AVE MONTREAL QUE	B SC 1 CR 0958
GOLDSTEIN YOINE JONAN 1923 CLINTON AVE MONTREAL QUE	B A 2 AT 3194
GOLINSKI JOSEPH ANTONI 3585 DUROCHER ST MTL 30 AUSTIN CRESCENT TORONTO 10 ONT	PH D 1 HA 4779
GOLUBEVA MARY RASMA 495 PRINCE ARTHUR ST W APT 19 MONTREAL QUE	M S W 1 LA 1781
GOMBAY ANDRE 5520 VICTORIA AVE MONTREAL QUE	B A 3 RE3 5756
GOMBAY JUDITH 4650 RIDGEVALE AVE MONTREAL QUE	B SC 3
GOMERY JOHN HOWARD 59 AINSLIE RD MONTREAL W QUE	B A 4 DE 2669
GOMES FRANKLIN GILBERT 532 MILTON ST MTL 3 SACKVILLE ST PORT OF SPAIN TRINIDAD B W I	B SC 4 BE 8257
GOMEZ LUIS RUFINO 3429 DECARIE BLVD MONTREAL QUE	PARTIAL 0 EL 7109
GONDER JOAN ROSE MACDONALD COLLEGE 835 BERWICK CRESENT TOWN OF MT ROYAL QUE	TCH ELEM 1
GONSALVES CLIVE THOMAS 3626 LORNE CRESCENT APT MONTREAL QUE	MED DIPL 4 BE 9458
GONSALVES FRANCIS IVOR 3656 DUROCHER ST APT 1 MONTREAL QUE 94 SMYTH ST GEORGETOWN 15 BR GUIANA	B SC 4 BE 9458
GONTICAS SPYRIDON 539 PINE AVE W MTL 19 DEMOCRITOU ST ATHENS GREECE	MD CM 1 LA 7628
GOODALL ROBERT GRAYDON W 4105 CTE DES NEIGES RD APT 12 MONTREAL QUE	MD CM 4 FI 5821

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GOODIER EDWARD CRAWFORD 2477 WEST BROADWAY N D G MONTREAL QUE	B ENG 2 EL 6220
GOODING JOHN THEODORE DOUGLAS HALL STRONG HOPE ST THOMAS BARBADOS B W I	MD CM 3 BE 1656
GOODMAN ELEANOR MACDONALD COLLEGE 6034 HUTCHISON ST 2 OUTREMONT QUE	TCH ELEM 1 DO 4736
GOODMAN IRENE SHIRLEY ROYAL VICTORIA COLLEGE AVONMORE ONT	B A 1 MA 0030
GOODMAN JANET CREIGHTON 53 NELSON ST MONTREAL WEST QUE	B SC 1 EL 2018
GOODMAN JOAN ESTHER 3756 WESTMOUNT BLVD MONTREAL QUE	B A 3 DE 6861
GOODMAN LEILA 3756 WESTMOUNT BLVD WESTMOUNT QUE	B A 4 DE 6861
GOODMAN MARTIN WISE 4377 MARCIL AVE N D G MONTREAL QUE	B A 2 DE 1942
GOODMAN RUTH MACDONALD COLLEGE 6034 HUTCHISON ST APT 2 OUTREMONT QUE	TCH ELEM 1
GOODWIN BRIAN CAREY 485 GROSVENOR AVE MTL MANOTICK ONT	M SC 1 GL 4077
GOODWIN CRAWFORD DAVID W 4760 ROSLYN AVE MONTREAL QUE	B A 2 EL 5498
GOODWIN HARVEY STEWART W 4760 ROSLYN AVE MONTREAL QUE	B ENG MCH 4 EL 5498
GOODWIN JAMES A 3485 MCTAVISH ST MTL 8 GLENVIEW AVE KENTVILLE N S	B ENG MI 4 MA 0141
GOODYEAR JOSEPH STANLEY PRESBYTERIAN COLLEGE 15 JUNCTION RD GRAND FALLS NFLD	B ENG 1
GORACZ BELA ALBERT 3623 CITY HALL AVE MONTREAL QUE	M A 1
GORDON BERNARD IRWIN 4927 DECARIE BLVD 1 MONTREAL QUE	MD CM 2 EL 0919
GORDON EVE 3445 RIDGEWOOD AVE MONTREAL QUE	B A 1 AT 5792
GORDON LOUIS 7929 QUERBES AVE MONTREAL QUE	B SC 1 GR 1580
GORDON RALPH WILLIAM 3609 UNIVERSITY ST MONTREAL QUE	PH D 2 LA 6307
GORDY DORIS MARY 495 MONMOUTH AVE MONTREAL QUE	B A 4 RE 3 3657
GORESKY CARL ARTHUR 629 PRINCE ARTHUR ST W MONTREAL BOX 250 CASTLEGAR B C	MD CM 2 MA 0739
GORING VINCENT INGHAM 348 MOFFAT AVE VERDUN QUE	S T M 1 TR 7594
GORMAN WILLIAM ALAN 78A STIRLING AVE VILLE LASALLE QUE	PH D 2
GORNITSKY MERVYN 3805 DUPUIS AVE APT 5 MONTREAL QUE	D D S 4
GORNITSKY RENA STEINBERG 3805 DUPUIS AVE APT 5 MONTREAL QUE	B COM 4 RE 3 6030
GOSSACK HAROLD 1527 DUCHARME AVE OUTREMONT 8 QUE	B C L 1 DO 8798
GOSSACK SOLOMON SYL 3905 MAPLEWOOD AVE MONTREAL QUE	B C L 2 AT 3491
GOSSAGE WILLIAM P O MCMASTERVILLE QUE	MD CM 4
GOSZTONYI PAUL MARIA J 1441 DRUMMOND ST MTL CHATEAUGUAY HEIGHTS QUE	LL M 1
GOTTFRIED ILSE 5039 GROSVENOR AVE MONTREAL QUE	B A 4 EX 6248
GOTTHEIL FRED MONROE 6116 DUROCHER AVE MONTREAL QUE	B A 3 CR 3818
GOUDREAULT PAUL BERTRAND Y M C A DRUMMOND ST MTL 1205 MORISSON ST ST HYACINTH QUE	B COM 1
GOUGEON ROBERT CHARLES 3465 MARLOWE N D G MONTREAL QUE	B ENG MCH 4 WA 9010
GOUGH CYRIL HANSON POUCH COVE ST JOHNS EAST NFLD	S T M 2
GOUGH EDMUND ST JOHN 4415 CORONATION AVE MONTREAL 28 QUE	M SC 1 DE 3049
GOUGH SHIRLEY JOYCE 544 PINE AVE ST LAMBERT QUE	B A 1 OR 1 6450
GOULD DAVID HARDING 568 VICTORIA AVE WESTMOUNT QUE	B A 3 EL 9285
GOULD DOROTHY 516 ARGYLE AVE WESTMOUNT QUE	B A 1 WE 6007
GOULD ESTHER BARBARA J 3533 OXFORD AVE N D G MONTREAL QUE	B A 2 WA 2218
GOURLEY JOHN 135 ABBOTT AVE MTL 2 FARTHINGLOE RD ROVER KENT ENGLAND	B ENG CIV 5 WE 8052
GOVIER ANDREW CHARLES 3055 SHERBROOKE ST APT 42 WESTMOUNT QUE	B COM 1 WI 5659
GOVIER VIRGINIA HELEN 3055 SHERBROOKE ST W APT 42 MONTREAL QUE	B A 3 FI 4949
GOYETTE LOUIS EMILE MACDONALD COLLEGE 230 BAYSWATER AVE OTTAWA ONT	M SC 2
GOYMOUR MICHAEL EDWYN 3473 UNIVERSITY ST MTL 24 GORING RD IPSWICH SUFFOLK ENG	B D 3 MA 4902
GRAD GEORGE JOHN 6270 LAVRENDEAU ST MONTREAL QUE	B SC 4
GRAFFTEY WILLIAM HEWARD 1555 SUMMERHILL AVE APT 312 MONTREAL QUE	B C L 4 GL 4330
GRAFTON IAN GORDON S 48 BEVERLEY AVE MONTREAL QUE	MD CM 4 EX 1243

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GRAFSTEIN BERNICE 3465 COTE DES NEIGES RD APT 81 MONTREAL 510 MARKHAM ST TORONTO ONT	PH D 2 FI 2983
GRAHAM EDWARD RENDLE 1835 GRAND TRUNK ST PTE ST CHARLES QUE	B SC 2 YO 4605
GRAHAM HENRY STUART MACDONALD COLLEGE SPRINGFIELD PARK CHAMBLY CO QUE	TCH INT 2
GRAHAM JOHN FRANCIS A DOUGLAS HALL MONTREAL QUE	B A 2 PL 2840
GRAHAM JOHN MACGREGOR 1301 CALEDONIA RD MONTREAL QUE	B ENG 1 AT 7236
GRAHAM LINDSAY ALEXANDER 562 VICTORIA AVE WESTMOUNT QUE	MD CM 2 EL 6714
GRAHAM LORNA JANET 8 CEDAR AVE BOX 92 ROSEMERE QUE	PHYSIOTH 1
GRAHAM MALCOLM DALTON 3485 MCTAVISH ST MTL 633 RADCLIFFE LANE VICTORIA B C	B SC 3
GRAHAM PETER EDWARD 6720 SHERBROOKE ST W APT 30 MONTREAL RIVERSIDE DRIVE GRANDMERE QUE	B SC 3 DE 9366
GRAHAM WILLIAM ROBERT 3487 MCTAVISH ST MTL 138 ROYAL YORK RD TORONTO ONT	B COM 3 PL 1674
GRAHAM WILLIAM WESTON MACDONALD COLLEGE STE ANASTASIE QUE	AGR DIP 2
GRAINGER EDWARD HENRY 3485 UNIVERSITY ST MTL BOX 547 MONCTON N B	PH D 4 HA 9807
GRAINGER FRANK ALFRED 195 TRENTON AVE TOWN OF MT ROYAL QUE	MED DIPL 1 EX 2081
GRAINGER PETER NELSON MACDONALD COLLEGE GENERAL DELIVERY SYDNEY NOVA SCOTIA	M SC 2
GRANT GEORGE MALCOLM 4700 EARNSCLIFFE AVE N D G MONTREAL QUE	B COM 2 DE 0385
GRANT GERALD WALLACE WILSON HALL BOX 160 VAL D OR QUE	B SC 2
GRANT HAROLD GRAINGER WILSON HALL BOX 160 VALDOR QUE	B ENG MI 3 UN 6 0169
GRANT JAMES MACNEIL 3653 UNIVERSITY ST MONTREAL QUE	B SC 3 PL 2073
GRANT JOAN AUDREY MACDONALD COLLEGE 187 DUFFERIN RD MONTREAL QUE	B SC H EC 2 EL 8214
GRANT PARKER LLOYD 24 SALISBURY RD POINTE CLAIRE QUE	B ENG 2
GRANT RAYMONDE 4940 ISABELLA AVE MONTREAL QUE	B A 3 EX 1256
GRANT SARAH BERGEN ROYAL VICTORIA COLLEGE 407 MINTO PLACE OTTAWA 2 ONT	B A 2 PL 0327
GRASBERG EUGENE 1637 ST LUKE ST APT 7 MONTREAL QUE	PH D 3 FI 6435
GRAVEL JEAN JOSEPH OVIDE 342 REDFERN AVE MONTREAL QUE	B ENG COM 5
GRAVELSING JANIS 1414 FORT ST MTL 74 CHURCHILL ST NORANDA QUE	B ENG MCH 3
GRAVES FREDERICK T 4740 BARCLAY AVE MTL 285 CLEMOW AVE OTTAWA ONT	B ARCH 2 EX 4327
GRAY CHARLES ANTHONY 3501 WALKLEY AVE MONTREAL QUE	M A 2 LA 1261
GRAY HAROLD EDWARD 717 DUNLOP AVE MONTREAL QUE	B A 3 AT 2354
GRAY JAMES CARLTON 2090 CLAREMONT AVE APT 44 MONTREAL QUE	M SC 2 HU8 6127
GRAY JAMES KENNETH 1514 CRESCENT ST MTL SYLUANITE MINE KIRKLAND LAKE ONT	B SC 1
GRAY JOAN ALICE MACDONALD COLLEGE BOX 507 EDMUNSTON N B	TCH ELEM 1
GRAYDON PHILIP ANDREW 4561 CUMBERLAND AVE N D G MONTREAL QUE	B ENG CIV 3 EL 5246
GRAY DONALD JANET H 128 ARLINGTON AVE WESTMOUNT QUE	B A 1 GL 1439
GREAVES DAVID RIO 2050 CLAREMONT AVE APT 16 MONTREAL QUE	D D S 4
GREEN BETTY ESTHER MACDONALD COLLEGE 435 WALNUT AVE ST LAMBERT QUE	TCH ELEM 1
GREEN GLORIA 877A DOLLARD AVE MONTREAL QUE	B A 1 TA 5661
GREEN JOHN WILLIAM 3506 UNIVERSITY ST MTL WESTVIEW RD WARLINGHAM SURREY ENG	B A 2
GREEN WILLIAM MACDONALD COLLEGE DEER LAKE NFLD	D D S 2
GREENBERG ARTHUR PETER 5319 ESPLANADE AVE MTL 119 SO THIRD ST JEANNETTE PENN U S A	B COM 2 CR 9306
GREENBERG BENJAMIN JOSEPH 7546 STUART AVE MONTREAL QUE	B A 3 GR 3284
GREENBERG GRACE ROYAL VICTORIA COLLEGE 326 ISLAND PARK DRIVE OTTAWA ONT	B A 4
GREENBERG SAM 4600 HUTCHISON ST MONTREAL QUE	B ENG 2 CA 7766
GREENBLATT JOYCE BARBARA 2141 MAPLEWOOD AVE APT 3 OUTREMONT QUE	B A 3 RE 3 0917
GREENBLATT JUDITH RUTH 3682 WESTMOUNT BLVD MONTREAL QUE	B A 3 DE 3672
GREENBLATT MORTON MARCEY 2141 MAPLEWOOD AVE APT 3 MONTREAL QUE	D D S 3 EX 0496

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GREENE FRANCES EVALYN 1389 REDPATH CRESENT MTL 244 QUEENSTON ST WINNIPEG MAN	GR N CERT 1 PL 4782
GREENFELD SHIRLEY 6283 DE VIMY AVE MONTREAL QUE	B A 4 AT 9952
GREENFIELD TEDDY T 5151 DUROCHER AVE OUTREMONT QUE	B COM 3 DO 4013
GREENHORN STANLEY MATTHEW 3485 MCTAVISH ST MTL 3492 W 35 AVE VANCOUVER B C	MD CM 4 BE 0424
GREENSTEIN JACK 4927 FULTON AVE MONTREAL QUE	B C L 1 AT 0308
JULIAN PETER THOMAS 3431 DRUMMOND ST MTL 591 KINF ST WOODSTOCK ONT	B ENG 1
GREENWALD HERBERT 4707 MAPLEWOOD AVE MONTREAL QUE	B SC 1 EX 6927
GREENWOOD DONALD ELLIS J WILSON HALL 133 ONTARIO ST ST CATHERINES ONT	B ENG MCH 3
GREENWOOD FREDERICK A H 3250 RIDGEWOOD AVE APT 16 MONTREAL QUE	MD CM 3 RE 3 3037
GREER DONALD FREDERICK 3605 UNIVERSITY ST MTL 121 WESTCHESTER CR ST CATHERINES ONT	B A 2 LA 0643
GREETHAM DOROTHY MARGARET 4896 HINGSTON AVE MONTREAL 29 QUE	B SC P ED 1 EL 3879
GREETHAM DOUGLAS EDWARD 4896 HINGSTON AVE N D G MONTREAL QUE	B ENG 2 FI 3879
GREGORY IAN ROBERT A 3435 MOUNTAIN ST MTL EAST ANGUS QUE	B ENG CIV 3 MA 6933
GREGORY PAUL EDWIN 746 MANNING AVE MTL 270 EMERICK AVE FORT ERIE N ONT	B A 4 HE 7916
GRENIER RUSSELL 4209 HAMPTON AVE MONTREAL QUE	B ENG CIV 3 EL 0960
GRESHAM COLIN SEAN BANK OF MTL PLACE D ARMES MTL 22 GRENVILLE ST TORONTO ONT	B SC 1
GREULICH RICHARD CURTICE 3515 DUROCHER AVE APT 52 MONTREAL QUE 6 HUNTLEIGH RD PIEDMONT 11 CALIF U S A	PH D 4 LA 9107
GRIEF NATHAN 6001 JEANNE MANCE ST MONTREAL QUE	B ENG 1 DO 5524
GRIER DAVID DENHAM EYRE MCGILL UNION 186 SIMCOE AVE TOWN OF MT ROYAL QUE	B A 4 MA 1550
GRIER WILLIAM JAMES 1009 LAIRD BLVD APT 33 TOWN OF MT ROYAL QUE	B COM 2 AT 0736
GRIFFIN JOHN ELDON 3609 UNIVERSITY ST MTL 224 7TH ST NORANDA QUE	MD CM 4 LA 6307
GRIFFIN MARY ELISA S ROYAL VICTORIA COLLEGE 1648 QUEEN ST PRESTON ONT	B F A 3 MA 0858
GRIFFITH PERRY PAUL 373 PRINCE ARTHUR W MTL 7036 PERRY TERRACE BROOKLYN N Y U S A	MD CM 1 MA 4967
GRIFFITH WILLIAM BRUCE 42 COURCELETTE AVE OUTREMONT QUE	B ENG 2 CA 5678
GRIFFITHS ANTHONY FREAR 3637 UNIVERSITY ST MTL HOTEL MONTE CASSINO GENOVA 56 MEXICO CITY D	B A 3 MA 1736
GRIGANOVICH HELEN E 5920 5TH AVE ROSEMOUNT QUE	B SC 4 VI 5979
GRIME BARBARA GARDNER QUEEN MARYS VETERAN HOSP MONTREAL GALLOWS FREEN 107 YORK RD TADCASTER YORKSHIRE ENG	MED DIPL 3
GRIMES DOUGLAS ROBERT 7484 WISEMAN AVE MONTREAL 15 QUE	B ENG CIV 4 GR 9166
GRIMMETT RICHARD HAYNES 3426 HUTCHISON ST MONTREAL QUE	MD CM 3 BE 6667
GRIVAKES TASS GEORGE 172 PAGNUELO AVE OUTREMONT QUE	B A 3 DO 9565
GROBMAN JERRY SIDNEY WILSON HALL 1142 HENRY ST N BATTLEFORD SASK	B SC 4
GROSHEINTZ MARIE 5270 GLOBERT AVE MONTREAL QUE	PARTIAL 0 DE 0671
GROSS ANDREW CHARLES 5625 TERREBONE AVE MONTREAL QUE	B ENG 1 WA 3150
GROSS FLORENCE 265 MOUNT ROYAL AVE W MONTREAL 550 BATHURST ST TORONTO ONT	M S W 1 PL 8422
GROSS GEORGE EMANUEL 4260 DORCHESTER ST W MTL 820 WEST END AVE NEW YORK 25 N Y U S A	MD CM 4 WE 4413
GROSS JANET ROYAL VICTORIA COLLEGE 365 CLINTON AVE BROOKLYN 5 N Y U S A	B A 3
GROSS MARTIN 5571 DUNMORE AVE MONTREAL QUE	B A 1 AT 2224
GROSS MORTY DAVID 2839 WILLOWDALE AVE MONTREAL QUE	B ENG 1 AT 3705
GROSSBERG ALLAN LOUIS 5940 DECELLES AVE APT 2 MONTREAL 26 QUE 710 MADISON AVE HELENA MONTANA U S A	PH D 2 RE 3 3225
GROSSMAN EDWARD JULIUS 805 MCEACHRAN AVE APT 7 OUTREMONT QUE	B A 4 CR 4327
GROSSMAN RONALD ALLAN 4648 LACOMBE AVE MONTREAL QUE	B SC 1 AT 1734
GROVE ALEXANDER VAUGHAN 4902 PIEDMONT AVE MONTREAL QUE	B ENG 1 AT 7494

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GROVER FAGIE BELLA 4939 JEAN BRILLANT MONTREAL QUE	B SC 1 RE 3 3204
GROVER NORMAN BERNARD 4815 QUEEN MARY RD APT 31 MONTREAL QUE	B SC 2 EX 6666
GROVER SCHWARZBEN SONIA 5181 TRANS ISLAND AVE MONTREAL QUE	B COM 3 HU 8 5546
GROVES GEORGE STANLEY MACDONALD COLLEGE 5359 VERDUN AVE VERDUN QUE	B SC AGR 1
GRUNBERG CAROL 4697 LACOMBE AVE MONTREAL QUE	B ENG MCH 3 AT 3026
GUALTIERI ANTONIO ROBERT 6827 LOUIS HEMON MONTREAL QUE	B D 1 TA 5644
GUERETTE RICHARD 36A LEMOINE ST LONGUEUIL QUE	B COM 3 OR5 6145
GUERIN PHILIAS JACQUES 5716 COTE ST ANTOINE RD MONTREAL QUE	B C L 4 DE 6146
GUERIN YVAN 3654 BLEURY ST MTL ST SIMEON CHARLEVOIX QUE	B C L 1
GUERTIN ROBERT GERALD 341 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ENG 1
GUEST VIRGINIA CHRISTINA ROYAL VICTORIA COLLEGE 8 MUNROE PK AVE TORONTO 8 ONT	B A 4 PL 0334
GUEVREMONT J ULRIR J 11 BELLINGHAM OUTREMONT QUE	B ENG EL 3 EX. 8816
GUILBAULT FRANCOIS A 5480 LAFOND MONTREAL QUE	B ENG 2 AM 7358
GUILBAULT MARCEL GUY L A HYDRO QUE BLDG MTL 636 SAINT VIATEUR ST SOLIETTE QUE	B C L 1
GUILBAULT PAUL 3493 SHUTER ST MTL 145 PERRAULT ST W ROUYN QUE	D D S 2
GULICK CHARLOTTE VETTER ROYAL VICTORIA COLLEGE LUTHER GULICK CAMPS SOUTH CASLO MAINE U S A	B SC 2 PL 0847
GUNDY SHEILA KATHLEEN 30 STRATFORD RD MONTREAL QUE	B A 4 EL 6230
GUNDY WILLIAM PATERSON 30 STRATFORD RD MONTREAL QUE	B ENG 1
GUNN JOYCE CECILE ROYAL VICTORIA COLLEGE 41 BEULAH AVE HAMILTON ONT	PHYSIOTH 1 PL 0265
GUNSTONE LEWIS CHARLES 4586 EARNSCLIFFE AVE MONTREAL QUE	B COM 3 EL 2542
GUREVICS VIVA 334 ST CATHERINE RD OUTREMONT QUE	B A 1 GR 5318
GURSKY PHYLLIS MACDONALD COLLEGE 5429 WAVERLEY ST MONTREAL QUE	TCH ELEM 1
GUSHUL WILLIAM BASIL 8591 CHAMPAGNEUR AVE 15 MONTREAL QUE	B ENG 2 TA 3652
GUSTAFSON DONALD ERIC PRESBYTERIAN COLLEGE PIERCE MANAGEMENT INC ALIVERI GREECE	B ENG 2
GUSTAFSON JEAN MARILYN MACDONALD COLLEGE 266 ABBOTT ST MAGOG QUE	B SC AGR 1
GUSTIN STANLEY TURNER 3583 HUTCHISON ST MTL 11 EDITH ST SAN FRANCISCO CAL U S A	MD CM 3 PL 2564
GUTELIUS JOHN ROBERT 4643 SHERBROOKE W WESTMOUNT QUE	MD CM 2
GUTELIUS WILLIAM F 4643 SHERBROOKE W WESTMOUNT QUE	B ENG 2 GL 2698
GUTKNECHT RENE 5325 MCKENNA MONTREAL 26 QUE	B A 4 AT 8692
GUTMAN LAKS SARA N 1247 GREENE AVE MONTREAL QUE	M S W 3 FI 9211
GUTTMAN ARTHUR IRVING 4805 VICTORIA AVE MONTREAL QUE	B COM 4 DE 1609
GUTTMAN FREDA 651 LANSDOWNE AVE MONTREAL QUE	B A 2 WA 9390
GUY JEAN EUDES 2171 ST LUKE MTL 2207 UNIVERSITY AVE NEW YORK 53 N Y U S A	B ARCH 2 WI 6807
GYORGY ANN MARY 1537 ST MATTHEW ST MONTREAL QUE	B A 3 FI 3734
GYORGY DEZSO 1537 ST MATTHEW ST MONTREAL QUE	M C L 1 FI 3734

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HABERL JOHN FRANCIS 32 DUFFERIN RD HAMPSTEAD QUE	M ENG 1
HACKER JAMES EVERITT 630 MITCHEL AVE MOUNT ROYAL QUE	B ENG MCH 3 AT 3310
HACKETT JOHN EUGENE 3430 STE FAMILLE ST MTL 874 BROWN AVE QUEBEC QUE	B ENG MCH 4 LA 0676
HADDAD FUAD SAMI 3801 UNIVERSITY ST MTL ORIENT HOSPITAL BEIRUT LEBANON	MED DIPL 3 PL 1251
HADDON ALBERT WALTER MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B ENG MCH 5
HADGKISS BARBARA JOAN 492 RIELLE AVE VERDUN QUE	PHYSIOTH 2 YO 4253
HADJIPATERAS NICOLAS 1555 MCGREGOR ST MONTREAL QUE	B A 3 WE 9610
HAFFKE SIEGFRIED 5130 WESTHILL AVE APT 12 MONTREAL QUE	MED DIPL 1 EL 3030

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HAGLEY ELMER ARTHUR C MACDONALD COLLEGE LUCAS ST ST GEORGES GRENADA B W I	B SC AGR 3
HAHAMOVITCH DONALD EDWAR 4882 LACOMBE AVE MONTREAL QUE	B A 1 AT 1759
HAIDARI AMIR ABBAS DIOCESAN COLLEGE INASCH RD TEHRAN	PARTIAL 0
HAIRE JOHN BUELL 3164 WESTMOUNT BLVD MONTREAL QUE	B ENG MCH 3 FI 8054
HALCRO JOHN BOSWARWICK 79 BRUCE AVE 2 WESTMOUNT QUE	B ENG MCH 3 WE 3008
HALE BURT BARLOW 4910 WALKLEY AVE APT 15 MONTREAL QUE	MED DIPL 3 WA 7462
HALE THOMAS REID 608 B VICTORIA AVE ST LAMBERT QUE	MED DIPL 3 OR1 8018
HALFORD CHARLES ROBERT 3420 TRENHOLME AVE MONTREAL 28 QUE	M A 1 EL 6479
HALIKAS GEO 3567 GIROUARD AVE MONTREAL QUE	B SC 2 WA 9757
HALL ARTHUR CLIFFORD 4601 ROSEDALE AVE MONTREAL QUE	GRAD QUAL 1 DE 9071
HALL BARRIE ROBIN B 4882 KING EDWARD AVE N D G MONTREAL QUE	B ENG 1 EL 0735
HALL DORIS BARBARA MACDONALD COLLEGE 695 EDISON AVE OTTAWA ONT	B SC H EC 3
HALL GEORGE DOUGLAS 257 LOCKHART AVE TOWN OF MT ROYAL QUE	B ENG CH 5 AT 2570
HALL JACK LOU 1827 LINCOLN AVE MTL 124 MYRTLE ST ST THOMAS ONT	B ARCH 2 FI 5154
HALL JAMES STONELY 1441 DRUMMOND ST MTL 87 KERRY RD PARKVIEW JOHANNESBURG SOUTH AFRICA	PH D 4 MA 4171
HALL JOHN GERALD 2039 UNIVERSITY ST APT 17 MONTREAL 375 ST FRANCIS XAVIER ST THREE RIVERS QUE	B C L 1
HALL NORMAN WILLIAM 3581 UNIVERSITY ST MTL 17 OPEONGO RD OTTAWA ONT	B COM 3 MA 3842
HALL WILLIAM WALTER MACDONALD COLLEGE 202 POWELL AVE OTTAWA ONT	B SC AGR 3
HALLER VIVIAN 235 MARKHAM RD TOWN OF MT ROYAL QUE	B A 3 AT 4484
HALLIDAY CALVIN GRAHAM 456 PINE AVE W APT 40 MONTREAL QUE	D D S 3 MA 4654
HALPENNY ELIZABETH ANN ROYAL VICTORIA COLLEGE 455 GOLDEN AVE OTTAWA ONT	PHYSIOTH 2
HALPERIN IRVING JOSEPH 5717 NORTHMOUNT MONTREAL QUE	B C L 4 EX 0385
HALPERN ESTHER 3455 COTE DES NEIGES RD MONTREAL QUE	M PS SC 1 WI 4352
HALPERN ETHEL 4992 FULTON AVE MONTREAL QUE	B SC 4 EX 7772
HALPERN NORMAN 3993 CLARK ST MONTREAL QUE	B ENG CH 3 HA 0554
HALSTED ELINOR ROYAL VICTORIA COLLEGE 828 CANTON AVE MILTON MASS U S A	B A 3 PL 0847
HAM ARTHUR KEITH 3 DECASSON RD WESTMOUNT QUE	B A 3 WE 7450
HAM LESLIE GILMER 3 DECASSON RD WESTMOUNT QUE	B COM 4 WE 7450
HAMARD LOUIS ROMAIN W 151 WICKSTEED AVE TOWN OF MT ROYAL QUE	B C L 1 AT 8492
HAMBURGER ALEXANDER H 900 SHERBROOKE ST W MONTREAL QUE	M A 1 LA 4627
HAMEL LUCIEN LEO 3436 DUROCHER ST APT 3 MONTREAL 135 NOEL ST ASBESTOS QUE	B COM 3 LA 3253
HAMEL RENE JEAN NOEL 4196 GIROUARD AVE MTL 106 CASS AVE WOONSOCKET R I U S A	B A 4 EL 9621
HAMEL ROBERT MAURICE 9002 BERRI ST MONTREAL QUE	D D S 2 VE 4682
HAMEL ROGER BEAUFORT 417 PRINCE ARTHUR ST MTL 340 CHAPEL STREET OTTAWA ONT	B ENG MCH 4
HAMELIN RAYMOND 3588 DORION ST MONTREAL QUE	B ENG CIV 4 AM 2722
HAMELIN RAYMOND JOSEPH A 922 ST PHILIPPE ST MONTREAL QUE	B C L 1 WE 3562
HAMILTON ANDREW DAVID 1214 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ENG 1 AT 1824
HAMILTON BARBARA JEAN MACDONALD COLLEGE NEW CARLISLE QUE	TCH INT 1
HAMILTON ERWIN CHADSEY 3440 DECARIE BLVD MONTREAL QUE	M SC 1 DE 3263
HAMILTON GEORGE SICOLT 510 LAKESHORE RD BEAUREPAIRE QUE	B ENG 1
HAMILTON HERMAN ASHBOURN MACDONALD COLLEGE ANCHOVY P O ST JAMES JAMAICA B W I	B SC AGR 4
HAMILTON HUGH ALEXANDER 1615 FILION ST VILLE ST LAURENT QUE	PH D 4 BY 0518
HAMILTON JAMES ROSS 4632 HARVARD AVE MONTREAL 28 QUE	B COM 1 EL 1981
HAMILTON LOUIS STEVENSON MACDONALD COLLEGE MAXVILLE ONT	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HAMILTON PHILIP HENRY B 3592 UNIVERSITY ST MTL 19 GLENVIEW AVE TORONTO 12 ONT	B ENG MET 4 PL 2435
HAMILTON ROBERT IRVINE MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 1
HAMMEL JOHN MELVIN CALLE 18 32 MIRAMAR HAVANA CUBA	B ENG 1
HAMPSON LAWRENCE GARTH 6510 MONKLAND AVE MONTREAL QUE	M SC 1 DE 5558
HANDELMAN SAUL 4617 ESPLANADE AVE MONTREAL 14 QUE	GRAD QUAL 1 PL 7632
HANEK SEYMOUR 6028 HUTCHISON ST OUTREMONT QUE	B A 3 VI 7406
HANES ROBERT WALLER MACDONALD COLLEGE 106 DOMINION ST TRURO N S	B SC AGR 4
HANLON JOSEPHINE ANN ROYAL VICTORIA COLLEGE CAVALRY RD WESTPORT CONN U S A	B A 4 UN 6 0168
HANNA LAWRENCE Y M C A DRUMMOND ST MTL 261 NOTRE DAME ST GATINEAU MILLS QUE	B ENG CH 3
HANNA NEIL I MACDONALD COLLEGE SHAWVILLE QUE	B SC AGR 4
HANNA ROBERT MICHAEL WILSON HALL 290 10TH AVENUE GRANDMERE QUE	B ENG 2
HANNAN CHARLES KEVIN MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
HANNEN PETER DOUGLAS 4145 GRAND BLVD MONTREAL 28 QUE	B A 1 EL 2688
HANRAHAN GORMAN EDWARD 5438 BRODEUR AVE MONTREAL QUE	MED DIPL 1 EL 2180
HANSARD HUGH HAZEN 17 EDGEHILL RD WESTMOUNT QUE	B SC 3 DE 3957
HANSARD PHILIPPA 17 EDGEHILL RD MONTREAL QUE	B A 3 DE 3957
HANSON DEREK AUSTIN 27 BARAT RD WESTMOUNT QUE	B A 3 WI 2366
HARBEC JOHN 44 ELIZABETH ST OTTAWA ONT	B ENG MCH 4
HARDER JEAN PRISCILLA 486 STRATHCONA AVE MONTREAL 6 QUE	PARTIAL 0 GL 4897
HARDING KAREN 5045 HAMPTON AVE N D G MONTREAL QUE	B A 1 DE 2245
HARDING MICHAEL BLYTHE 1109 GREENE AVE MTL 2 BEECHMONT AVE BRONXVILLE N Y U S A	B ENG MI 4 WE 3090
HARDING OSWALD GASKELL 722 CHAMPAGNEUR AVE MONTREAL QUE	B A 1 GR 0986
HARDMAN JANE ANNA ROYAL VICTORIA COLLEGE 406 BAKER ST LONDON ONT	B A 2
HARDY DENIS GEORGE 457 ARGYLE AVE WESTMOUNT QUE	B ENG MET 5 FI 0986
HARDY GERALD PAUL 6071 TERREBONNE AVE MONTREAL QUE	B ENG EL 4 DE 2017
HARDY HENRY REGINALD JR WILSON HALL 300 FIRST AVE OTTAWA ONT	B SC 4
HARDY JOHN ALEXANDER JR 190 PINE AVE W APT 31 MONTREAL QUE R F D 1 SALISBURY CONN U S A	M SC 1 MA 6843
HARDY SHIRLEY JOAN MACDONALD COLLEGE 1784 DUNKIRK RD TOWN OF MT ROYAL QUE	TCH KIND 1
HARGREAVE GEOFFREY DAVID DOUGLAS HALL 121 HOPE RD JAMAICA B W I	B COM 4 HA 3778
HARGREAVES JEAN LILLIAN MACDONALD COLLEGE 5 ALANESE SQUARE DRUMMONDVILLE QUE	B SC H EC 3
HARLING RICHARD ANTHONY 2150 SHERBROOKE ST W MONTREAL QUE	B ENG 1 GL 3268
HARNOTT WILLIAM JAMES 5242 SARANAC AVE N D G MONTREAL QUE	B A 3 DE 7909
HARPER WILLIAM DOUGLAS MACDONALD COLLEGE 6950 STUART AVE MONTREAL 15 QUE	PARTIAL 0
HARRELL GEORGE NEVILLE 3193 FENDALL ST MTL WHITEVILLE NORTH CAROLINA U S A	MD CM 4 AT 5401
HARRIS ANNA RUTH 1583 PINE AVE MTL 26 SEYMOUR ST HALIFAX N S	B L S 1 WE 0330
HARRIS BARBARA PHYLLIS 4170 GIROUARD AVE MONTREAL QUE	B A 2 WA 1698
HARRIS DONALD GUTHRIE DOUGLAS HALL 5125 BOUNDARY RD VANCOUVER B C	MD CM 2
HARRIS DONALD MICHAEL 806 MCEACHRAN AVE APT 4 MONTREAL QUE	M S W 2 TA 6042
HARRIS DONALD PAUL 1559 MCGREGOR ST MONTREAL QUE	PARTIAL 0 FI 7145
HARRIS DONALD STUART 3975 EVELYN ST VERDUN QUE	B ENG 2 TR 7229
HARRIS HOWARD MORTEN DOUGLAS HALL SPRINGHILL N S	MD CM 4
HARRIS RHODA HELENE 4170 GIROUARD AVE N D G MONTREAL QUE	B A 4 WA 1698
HARRISON CONSTANCE M 2040 CAMBRIDGE AVE TOWN OF MT ROYAL QUE	B SC P ED 4 AT 6554
HARRISON MICHAEL ST BARB 579 GROSVENOR AVE WESTMOUNT QUE	B ENG 1 EL 0795

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HARRISON PETER FREDERICK MACDONALD COLLEGE C O H M HARRISON TELA RAILROAD CO TEGUCIGALPA REP HONDURAS	B SC AGR 1
HARROLD ALAN JOHN 5145 COTE ST LUC RD APT 14 MONTREAL QUE	B SC 2 EL 9349
HART CHRISTOPHER C 30 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B ENG 2 AT 1703
HART EVA RENATE 555 SHERBROOKE ST MTL 89 COLOMBUS AVE WHITE PLAINS N Y U S A	B SC 2 PL 0477
HART SHIRLEY ANN P 4142 OXFORD AVE MONTREAL QUE	PHYSIOTH 1 DE 9456
HARTLEBEN MARIA CHRISTIN ROYAL VICTORIA COLLEGE 11 CALLE CIUDAD VIEJA GUATEMALA CITY C A	B A 4 UN6 0168
HARTMAN ETHEL 5322 TRANS ISLAND MONTREAL QUE	PHYSIOTH 1 DE 7395
HARVEY DAVID MILTON 545 PINE AVE WEST MTL 193 CHEPSTOW RD SCHENECTADY 10 N Y U S A	MD CM 2 MA 1545
HARVEY JACK HAMILTON 5341 COTE ST LUC RD MONTREAL QUE	MD CM 4 WA 4894
HARVEY JOY EUELO B 500 MORIN ST STE ADELE EN HAUT QUE	PHYSIOTH 1
HARVEY MARY RUTH 3611 PARK AVE MTL BROWNSVILLE ONT	M A 1 HA 5810
HASEGAWA JAMES SHIRO 9780 SACRE COEUR ST MONTREAL QUE	B SC 2 VE 5930
HASKELL STANLEY REGINALD NO 5 MAPLE AVE STE ANNE DE BELLEVUE QUE RYDAL PINE HILL BARBADOS B W I	PH D 4
HASLETT JOHN S L 1128 CHARLEVOIX ST MONTREAL QUE	B ENG 2 WI 0572
HASLETT LESLIE MARK 6 BELEVEDERE RD WESTMOUNT QUE	B COM 2 FI 1970
HASSELBACK RICHARD C DOUGLAS HALL 1458 KIND ST REGINA SASK	MD CM 4 HA 7345
HATFIELD JEANNETTE ROYAL VICTORIA COLLEGE 2709 GENESEE ST UTICA N Y U S A	B SC 3 UN 6 0158
HATFIELD MARY CATHERINE ROYAL VICTORIA COLLEGE 2709 GENESEE ST UTICA N Y U S A	B SC 1
HATZIDAKIS JOHN ANGEL 456 PINE AVE WEST APT 25 MONTREAL QUE	B ENG 2 HA 5850
HAVELKA JAROSLAV JAN 3850 COTE ST CATHERINE APT 11 MONTREAL QUE	M A 1 AT 6338
HAWKINGS WILLIAM EDGAR 3605 UNIVERSITY ST QUE BOX 222 KENOCAMI QUE	B ENG MCH 5 LA 0643
HAWLEY ELVA ADDIE MACDONALD COLLEGE SUTTON QUE	TCH ELEM 1
HAWLEY JOHN STEWART MACDONALD COLLEGE 52 IMPERIAL ST TORONTO ONT	B SC AGR 2
HAWORTH JOHN BRIAN 5245 GLOBERT AVE MTL 879 LAFONTAINE ST DRUMMONDVILLE QUE	B ENG MCH 4 WA 6838
HAY DOUGLAS LEONARD MACDONALD COLLEGE EXPERIMENTAL FARM LETHBRIDGE ALBERTA	B SC AGR 1
HAY ELEANOR 2285 GRAND BLVD MONTREAL QUE	GR N CERT 1 EL 6277
HAYDARI AMIR ABBAS DIOCESAN COLLEGE 9 NASEHI RD TARRIN NA AL SI TEHRAN IRAN	M A 1 MA 4 02
HAYDEN DAVID EDWARD P 47 PERREAULT AVE STE ANNE DE BELLEVUE QUE	B SC 2
HAYES DORIS MARY MACDONALD COLLEGE SHAWVILLE QUE	B SC H EC 2
HAYES MADELON GEORGINA MACDONALD COLLEGE SHAWVILLE QUE	TCH INT 1
HAYES MICHAEL JOHN 4740 THE BOULEVARD WESTMOUNT QUE	B COM 2 DE 1307
HAYES WILLIAM FREDRICK 331 CARLYLE AVE TOWN OF MT ROYAL QUE	B ENG MCH 3 EX 0813
HAZELL WILLIAM GILBERT 1441 DRUMMOND ST MTL 142 CAMPBELL AVE HAMILTON ONT	B SC 1
HAZNOF IRVING 5220 WESTBURY AVE MONTREAL QUE	B COM 2 DE 7623
HEADEY CHARLES BLAKE 3539 STE FAMILLE MTL AMERICAN EMBASSY BOGOTA COLOMBIA S A	B ENG 2 LA 5951
HEADLEY RANDOLPH HUGO 946 COLLEGE ST MTL 7 WILLIAM ST SYDNEY N S	D D S 1 FI 3098
HEARN CATHERINE MARY 3801 HARVARD AVE N D G MONTREAL QUE	B A 4 EL 1310
HEATH EDGAR SHELDON 3431 DRUMMOND ST MTL 73 ABERDEEN AVE BRANTFORD ONT	B SC 4 MA 0243
HEATH JOAN MARTHA GACE MACDONALD COLLEGE BOX 483 EAST ANGUS QUE	TCH INT 2
HECHT RUTH ELEONORA 117 DUFFERIN RD HAMPSTEAD QUE	B F A 3 EL 2293
HECHT THOMAS OTTO 117 DUFFERIN RD HAMPSTEAD QUE	M A 2 EL 2293
HECKMAN DONALD ERNEST 4434 OXFORD AVE MONTREAL 28 QUE	PH D 2 EL 3073
HECKMAN GERALD RICHARD 4434 OXFORD AVE MONTREAL 28 QUE	B ENG 2 EL 3073
HEFT MELVYN 4970 ROSLYN AVE MONTREAL QUE	B COM 4 EX 3428

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HEIBERG KARIN 3440 SHUTER ST APT 2A MONTREAL 18 CAIRNS AVE GRANBY QUE	B SC 4 HA 4367
HELAL GEORGE JOSEPH 10571 GRANDE ALLEE MONTREAL QUE	B A 2 DU 2172
HELD ALAN 3782 VENDOME AVE N D G MONTREAL QUE	B SC 4 DE 3861
HELD EDWARD GERALD 3782 VENDOME AVE MONTREAL QUE	B ENG 1 DE 3861
HELFIELD EDWARD 6390 DEVIMY AVE MONTREAL QUE	B A 3 AT 0106
HELFIELD ERIC SIDNEY 6046 HUTCHISON ST OUTREMONT QUE	B C L 1
HELLE STEPHEN JOSEPH DOUGLAS HALL RUA JOSE GETULIO 847 APT 42 ACLIMAGAC SAO PAUTO BRAZIL	MD CM 1
HELLE SUSAN MARY ROYAL VICTORIA COLLEGE RUA JOSE GETULIO 847 APT 42 ACLIMACAO AO PAULO BRAZIL	PARTIAL 0 PL 0265
HELLER PAUL PETER 3441 PEEL ST MTL 4 AIR DEPARTMENT WELLINGTON NEW ZEALAND	LL M 1 BE 0341
HELLSTROM JOHN GUSTAF 5 MURRAY AVE WESTMOUNT QUE	MD CM 3
HELM GORDON AINSLEY PRESBYTERIAN COLLEGE HUNTINGDON QUE	B ENG 1
HEMMINGS LYLE MILTON 105 QUINN BLVD LONGUEUIL QUE	MD CM 1 OR 5 6882
HENDERSON ANN ARMSTRONG ROYAL VICTORIA COLLEGE SEIGNIORY CLUB QUE	B COM 1 MA 0030
HENDERSON JOHN FREDERICK 56 BEVERLEY AVE TOWN OF MT ROYAL QUE	B SC 3 AT 4871
HENDERSON JOHN WILLIAM R 4[illegible] ROYAL AVE N D G MONTREAL QUE	B ENG 1 EL 4572
HENDERSON JUDITH MARY 3622 LORNE CRESENT APT 5 MONTREAL QUE	M S W 2 MA 6057
HENDERSON MARY ELLEN 56 BEVERLEY AVE TOWN OF MT ROYAL QUE	B SC 1 AT 4871
HENDERSON MILDRED 10135 CHAMBORD AHUNTSIC QUE	L MUS 0 DU 2702
HENDRICKS JOSEPH SAMUEL MACDONALD COLLEGE ENFIELD JAMAICA B W I	B SC AGR 2
HENEY DOUGLAS FREDERICK 3490 HUTCHISON ST MTL 111 COOPER ST OTTAWA ONT	B ENG EL 3
HENEY EDWARD SPRINGETT 3437 REDPATH ST MONTREAL 25 QUE	B A 3 BE 3527
HENEY JOHN BOWER L 3490 HUTCHISON ST MTL 111 COOPER ST OTTAWA ONT	B ENG 2
HENNEBERRY GERALD OWEN P O BOX 71 MACDONALD COLLEGE QUE	PH D 4
HENNESSEY JOHN FRANCIS 3466 MCTAVISH ST MTL 1001 DEVER RD FAIRVILLE N B	MD CM 4 LA 9533
HENNESSY SUSAN BOURNE 613 VICTORIA AVE WESTMOUNT 6 QUE	B A 2 EL 1552
HENRIKSON ARNE 23 THORNCREST CIRCLE DORVAL QUEBEC	PH D 4 PL 2475
HENRY ANNE STEWART 3057 CEDAR AVE MONTREAL QUE	B SC 4 FI 1295
HENRY JOHN STEWART 3057 CEDAR AVE MONTREAL QUE	MED DIPL 3 FI 1295
HENSHAW DONALD H MACDONALD COLLEGE 4849 LACOMBE AVE MONTREAL QUE	AGR DIP 2
HEPPLESTON JOHN GEORGE 1752 MILLAR ST VILLE ST LAURENT QUE	TCH INT 2 BY 8885
HERCY SHIRLEY RIVA MACDONALD COLLEGE 633 ST GERMAIN ST OUTREMONT QUE	TCH ELEM 1
HERLICK ESTHER MACDONALD COLLEGE 4069 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
HERMAN HARVEY ALLEN 4878 JEAN BRILLANT AVE MONTREAL QUE	B COM 1 AT 1542
HERMAN ROSYLIN 1924 BARCLAY AVE MONTREAL QUE	PHYSIOTH 1 EX 6459
HERON WOODBURN 3426 HUTCHISON ST APT 1 MONTREAL QUE WALDERSTON P O JAMAICA B W I	PH D 1 PL 4646
HEROUX JULIEN ANGE A 428 SHERBROOKE ST W APT 21 MONTREAL 137 DEFOND ST SHAWINIGAN QUE	B ENG MCH 3 MA 4843
HERRINGTON FRANK FYFE 312 BALLANTYNE AVE N MONTREAL QUE	B SC 4 DE 8015
HERRINGTON PETER NIVEN 204 PERCIVAL AVE MONTREAL WEST QUE	MD CM 3 DE 2257
HERSCHORN MICHAEL 5168 TRANS ISLAND AVE MONTREAL QUE	B A 4 WA 8453
HERSCOVICH AGNES 3738 MACKENZIE MONTREAL QUE	PHYSIOTH 1 AT 7504
HERSEN NORBERT BERNARD 2095 LINCOLN AVE APT 6 MONTREAL QUE	B ARCH 3 WE 2173
HERSHORN SELMA DODICK 668 BELMONT AVE WESTMOUNT QUE	B A 1 EL 4551
HERVEY ANN PENUEL 5640 GATINEAU AVE MONTREAL QUE	B A 2 EX 2707
HERZBERG MARY OBELYN 323 STANSTEAD AVE TOWN OF MT ROYAL QUE	B A 3 AT 1321

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HESKY INA DOLLY ROYAL VICTORIA COLLEGE 456 RUSSELL HILL RD TORONTO ONT	B A 2
HESLOP ROBERT WILLIAM MACDONALD COLLEGE 303 13 AVE LACHINE QUE	B SC AGR 4
HESSE NICKY ERERHARD 3569 PEEL ST APT 2 MONTREAL QUE	LL M 2 PL 3094
HEUSSER DALE RONALD MACDONALD COLLEGE BOX 81 SWEETSBURG QUE	AGR DIP 1
HEWARD EFA MARY LOGIE 11 ANWOTH RD MONTREAL QUE	B A 2 WI 4571
HEWSON ROGER DOUGLAS 19 KILBURN CRESENT HAMPSTEAD QUE	B ENG CIV 3 DE 2639
HEY SHEILA ELLEN 4883 WEST HILL MONTREAL QUE	B A 3 EL 9817
HEYWOOD JAMES M MACDONALD COLLEGE 3528 LORNE AVE MONTREAL QUE	TCH INT 2 BE 1732
HIBBERT KENNETH MALCOLM 3592 UNIVERSITY ST MTL 952 LAFONTAINE ST DRUMMONDVILLE QUE	B ENG CH 3 PL 2435
HICKS GEORGE DAVID 373 MERTON AVE ST LAMBERT QUE	B ENG 2 OR 1 7356
HICKS ISOBEL PATRICIA 1180 DRUMMOND ST APT 24 MONTREAL QUE SHAWBRIDGE QUE	PARTIAL 0
HICKS MARIAN ELSIE 373 MERTON AVE ST LAMBERT QUE	B L S 1 OR 1 7356
HIGGINBOTHAM ARTHUR CAUGHNAWAGA QUE	PARTIAL 0 NE50946J5
HIGGINS CLAIRE HARRIET ROYAL VICTORIA COLLEGE 40 CHARLOTTE ST ST JOHN N B	PHYSIOTH 1 PL 0495
HIGGINS ROBERT DAVIDSON 717 42ND AVENUE LACHINE QUE	B ENG CH 5 NE5 1216W
HIGGS WILLIAM GRAEME ST HILAIRE QUE	B COM 2
HIKICHI AKIRA 49 PERRAULT AVE STE ANNE DE BELLEVUE QUE OKANAGAN CENTRE B C	M SC 1
HILBORN GERTRUDE ELINOR ROYAL VICTORIA COLLEGE CONCESSION RD PRESTON ONT	B SC 3 MA 0170
HILBORN JOHN WELLS 570 MILTON ST APT 14 MTL CONCESSION RD PRESTON ONT	PH D 3 BE 7602
HILBORN WILBERT JOSEPH 5927 CLARK ST MONTREAL QUE	D D S 4 QR 8365
HILL ELIZABETH STERLING ROYAL VICTORIA COLLEGE 6 MAPLE AVE KENOGAMI QUE	B A 3
HILL JOHN GILBERT THEOLOGICAL COLLEGE 652 GILMOUR ST OTTAWA ONT	MD CM 1 HA 4873
HILL RAYMOND DEAN 1190 MOUNTAIN ST MONTREAL QUE	MD CM 3 UN 6 4179
HILL RUTH MARY MACDONALD COLLEGE 1050 WILLIBRORD AVE VERDUN QUE	TCH INT 1
HILL THOMAS RICHARDSON 3601 UNIVERSITY ST MTL 1728 RUCKER EVERETT WASH U S A	MD CM 1
HILLS THEODORE LEWIS 3500 SHUTER ST APT 3 MONTREAL QUE	PH D 3 MA 6783
HILTZ JOHN CLARK 662 RIVERVIEW AVE VERDUN QUE	B SC P ED 2 TR 9050
HILTZ JUDITH EVELYN 4662 HINGSTON AVE MONTREAL QUE	B A 4 FI 6224
HING JIMMY TOI 463 SHERBROOKE ST MTL 650 BARTON ST E HAMILTON ONT	D D S 2 HA 3617
HINTON GEORGE GREENOUGH 3851 UNIVERSITY ST MTL 19 PENDRAGON LANE BRADFORD YORKS ENGLAND	MD CM 2 MA 3888
HIRAYAMA JAMES 5190 IBERVILLE MONTREAL 36 QUE	B ARCH 2 FA 5684
HIRSCHHEIMER BARBARA I 4379 WESTMOUNT AVE MONTREAL QUE	B A 4 EL 3668
HISCOCKS ROBERT GEORGE 4652 SHERBROOKE W APT 6 GANANOQUE ONT	B ARCH 6 GL 2248
HISLOP DAVID GRAHAM 4655 PATRICIA AVE N D G MONTREAL QUE	B ENG 1 EL 9849
HISLOP PEARL 6260 DEACON RD MONTREAL QUE	B COM 2 EX 1284
HITZIG FRANCES EDITH 589 ROCKLAND AVE MONTREAL QUE	B SC 1 CR 3267
HOBBS ALBERT KEITH 866 55TH AVE DIXIE QUE 68 PRENNAN AVE TORONTO 18 ONT	B COM 1 NE5 5280W
HOBBS WILLIAM VICTOR MACDONALD COLLEGE 50 ORRIN AVE OTTAWA ONT	B SC AGR 1
HOCKIN ANNIE ARETA VALMA 56A CARDINAL AVE VILLE ST LAURENT QUE	B SC 1 BY 3663
HODGE DORIS ANNE 525 NOTRE DAME AVE ST LAMBERT QUE	B A 4 OR1 6408
HODGINS NANCY JUNE MACDONALD COLLEGE SHAWVILLE QUE	TCH KIND 1
HODGSON DAVID RALPH 3506 UNIVERSITY ST MTL 327 E BROCK ST FORT WILLIAM ONT	B ENG MCH 3 UN 6 0427
HODGSON MARION E ROYAL VICTORIA COLLEGE CRAUL BERMUDA	B A 1
HODGSON RICHARD C 4260 HINGSTON AVE MONTREAL QUE	B SC 2 EL 5944

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
HODOVICK JOSEPH 3525 DEBULLION MTL R R 1 LEAMINGTON ONT	BE 7273	B SC 2
HOEFLE HAROLD HARRY JR 3445 PEEL ST MTL 11529E RINCON DR WHITTIER CAL U S A	HA 9462	MD CM 2
HOFER EUGENE ADOLPHE 25 CARDINAL ST VILLE ST LAURENT QUE		B ENG 1
HOFMANN HERTA ANN 4268 MADISON AVE MONTREAL QUE	DE 5506	B A 4
HOGAN EILEEN WINNIFRED 4915 HAMPTON AVE N D G MONTREAL QUE	DE 1595	B A 2
HOGAN GERALD TRUEMAN 4915 HAMPTON AVE N D G MONTREAL QUE	DE 1595	B COM 1
HOGAN HOWARD RICHARD 116 ELM ST ST EUSTACHE SUR LE LAC QUE	7567	PH D 4
HOGAN JOAN PATRICIA 4538 DELORMIER AVE MONTREAL QUE	CH 4332	B SC 1
HOGAN JOHN THOMAS 4845 DES ERABLES AVE MONTREAL 34 QUE	FA 2941	MD CM 1
HOGARTH RICHARD MCRAE 2060 METCALFE MTL 10 GLEN EDYTH PL TORONTO ONT		B ENG 2
HOGG DAVE 30 EDGEHILL RD WTMT IVRY NORTH QUE	DE 4881	B ENG 1
HOGG DAVID CLARENCE 3500 KENT AVE MONTREAL QUE		PH D 3
HOLCRAFT WILLIAM MALTBY 6818 MONK BLVD VILLE EMARD MTL QUE		B ENG 1
HOLDEN BARBARA JANE 54 ABERDEEN AVE MONTREAL QUE	WE 1563	PHYSIOTH 3
HOLDEN JULIA ANNE 2112 TUPPER ST MONTREAL QUE	WE 4996	B A 4
HOLKO LILLIAN 4161 LINTON AVE MONTREAL QUE	AT 4345	B SC 4
HOLLANDER LOUIS 397 LAIRD BLVD TOWN OF MT ROYAL QUE	RE 3 3270	B ENG 2
HOLLBACH REINER 3433 SHUTER AVE MONTREAL QUE	MA 1538	M A 2
HOLLINGSWORTH ELLEN M ROYAL VICTORIA COLLEGE 64 BORRON AVE SAULT STE MARIE ONT	PL 0477	B A 2
HOLLINGSWORTH FRANCES J ROYAL VICTORIA COLLEGE 250 PIM STREET SAULT STE MARIE ONT	PL 0495	B COM 2
HOLMES GEORGE MACLEAN 3474 COTE DES NEIGES RD EVERBREEZE PEMBROKE BERMUDA	WI 0765	B COM 4
HOLMES MARY ELIZABETH MACDONALD COLLEGE 302 VASSAL ST DRUMMONDVILLE QUE		B SC H EC 3
HOLMES SHIRLEY ANN MACDONALD COLLEGE 107 RAGLAR ST RENFREW ONT		B SC H EC 1
HOLT IRENE MURIEL MCLENNAN HALL 8 BARBARA CRESCENT TORONTO ONT	PL 0044	M A 2
HOLTERMAN DON ROBERT 1655 LINCOLN AVE APT 29 MONTREAL QUE	GL 4996	B COM 3
HOLTZMAN ANITA CONSTANCE 5367 ST URBAIN ST MONTREAL QUE	TA 6693	B SC 1
HOME MARY ELSPETH 606 GROSVENOR AVE WESTMOUNT QUE	WA 1535	B A 1
HOOD ALAN BRUCE 5115 W BROADWAY MTL 1121 STANLEY ST NELSON B C	EL 6292	MD CM 1
HOOD CATHARINE ANNE 52 CURZON ST MONTREAL WEST QUE	DE 7758	B C L 3
HOOD WILLIAM CRAIGIE 3421 DRUMMOND ST MONTREAL QUE	LA 0950	B SC 3
HOOPER GEORGE DAVID 1442 SHERBROOKE W APT 5 MONTREAL QUE 194 LANSDOWNE RD OTTAWA ONT	PL 6454	M SC 1
HOOPES ANN GRIFFITH ROYAL VICTORIA COLLEGE BOX 38 MUSCATINE IOWA U S A	PL 0829	B A 3
HOPE THOMAS DIGBY 20 HAZELWOOD AVE HUDSON QUE		D D S 4
HOPKINS AUDREY ANNE 3425 STANLEY ST APT 302 MONTREAL QUE	LA 2639	GR N CERT 1
HOPKINS HERBERT GEORGE 48 ACADEMY RD APT 5 WESTMOUNT R R 2 COWANSVILLE QUE	WI 9215	B ENG 1
HOPKINS JOAN BEATRICE MACDONALD COLLEGE 64 BROADVIEW AVE VALOIS QUE		TCH INT 1
HOPPER EDWARD PETER 3519 LORNE AVE MTL 3R11 GRAMERCY ST N W WASHINGTON 16 D C U S A		B COM 4
HOPS HERBERT 5163 BOURRET AVE MONTREAL QUE	Ex 9134	D D S 3
HORAN ELVA MILDRED MACDONALD COLLEGE DANVILLE BOX 398 QUE		TCH ELEM 1
HORI FRANK HIROSHI 4201 DE BULLION ST MONTREAL QUE	BE 7160	B COM 3
HORLICK LOUIS 4965 ST CATHERINE RD APT 4 MONTREAL QUE	Ex 2079	M SC 2
HORN SHEILA RUTH 1838 LAJOIE AVE MONTREAL QUE	Ex 5263	B SC 4
HORN WALTER GEORGE 4606 ADAM ST MONTREAL QUE	CL 9753	B A 4
HORNE MARY ISABEL 1509 SHERBROOKE ST W APT MONTREAL QUE	WI 8985	B A 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HORNIBROOK MARY ALBERTA 3575 JEANNE MANCE MTL BOX 96 SELKIRK MAN	QR N CERT 1 LA 3304
HOROVITCH ROY MARTIN 246 DUFFERIN RD HAMPSTEAD QUE	B A 1 DE 3408
HOROVITCH VITA 246 DUFFERIN RD HAMPSTEAD QUE	B A 3 DE 3408
HOROVITZ SHIRLEE BARBARA ROYAL VICTORIA COLLEGE 439 SYDNEY ST CORNWALL ONT	B A 2 UN 6 0107
HOROWITZ SHEILA MACDONALD COLLEGE 4P02 ISABELLA MONTREAL QUE	TCH ELEM 1
HOROWITZ SHEVA LEE 482 BLOOMFIELD AVE MTL 2208 WASHINGTON AVE BRONX N Y U S A	L MUS 1 GR 9421
HORSEY MARY ELIZABETH 3460 WEST BROADWAY MONTREAL 28 QUE	PARTIAL 0 EL 5544
HOSKING SIBYL GRACE MACDONALD COLLEGE BATHURST N B	TCH ELEM 1
HOSPADARUK VLADIMIR 5865 DECARIE BLVD APT 2 MONTREAL QUE	PH D 4
HOSSIE BARBARA ELAINE ROYAL VICTORIA COLLEGE 2832 BELLEVUE WEST VANCOUVER B C	B SC 4 PL 0477
HOULT GUY GEORGE 10 GRENVILLE AVE WESTMOUNT QUE	B COM 2 DE 0731
HOUSDEN JENNIFER ANN 3445 COTE DES NEIGES RD APT 337 MTL 13 HOOK HILL SANDERSTEAD SURREY ENGLAND	B A 4 FI 5053
HOUSEFATHED DAVID 5741 PLANTAGENET MONTREAL QUE	B A 4 AT 3974
HOWARD GWENNA MARY 28 SUMMIT CRESENT MONTREAL QUE	B A 4 EL 3112
HOWARD JOHN CHARLTON 5854 WESTERN AVE N D G MONTREAL QUE	B ENG CH 3
HOWARD MARGARET DAY 90 DUFFERIN RD HAMPSTEAD QUE	B SC 2 EL 0664
HOWES EDITH ANNETTA MACDONALD COLLEGE ST GEORGE BERMUDA	TCH ELEM 1
HO YEN BASIL ORLANDO MACDONALD COLLEGE UITVLUGT W C DEMERARA BRITISH GUIANA	M SC 1
HOYT PAUL BLAIR MACDONALD COLLEGE MILLVILLE TORK CO NB	B SC AGR 4
HRNCHIAR ANDREW 870 SECOND AVE NIAGARA FALLS ONT	B SC 2
HRYNIW WALTER 3785 DUPUIS AVE APT 21 MONTREAL QUE	B SC 1 EX 8835
HUANG ERWIN PING SHEN 300 LONGWOOD AVE BOSTON U S A 2 974 TONGSTAN ROAD SHANGHAI CHINA	MED DIPL 3
HUBAR REUBEN DAVID 5837 MCLYNN AVE MONTREAL QUE	B SC 2 RE 32180
HUBBARD MARY ELIZABETH ROYAL VICTORIA COLLEGE N DANVILLE RD ST JOHNSBURY VT U S A	B A 2 PL 0847
HUBSCHER FRANK F 5245 COTE ST LUC RD APT 23 MONTREAL QUE	LL M 2 DE 7277
HUBERMAN RAE 1235 LAJOIE AVE OUTREMONT QUE	B SC 4 TA 4118
HUBERT PHYLLIS HUBERT MACDONALD COLLEGE 103 GRANGE AVE OTTAWA ONT	B SC H EC 1
HUDON MARCEL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
HUELS WILBUR HENRY 4887 DRAPER AVE N D G MONTREAL QUE	B COM 4 WA 3814
HUFFORD ROGER EARL 11340 O BRIEN BLVD CARTIERVILLE QUE	L MUS 2 BY 2732
HUGHES ALAN WILLIAM 5155 OBRYAN AVE MONTREAL QUE	B ENG COM 5 EL 6196
HUGHES ARNOLD ALTON MACDONALD COLLEGE EAST ANGUS QUE	B SC AGR 2
HUGHES RONALD STEPHEN 4254 FULLUM ST MONTREAL QUE	B COM 1 AM 5005
HUGHES ROSS GERALD 1649 GRAHAM BLVD APT 4 TOWN OF MT ROYAL QUE	B COM 1 AT 0643
HUGHES WILLIAM PAUL 3482 MCTAVISH ST MTL 334 BLVD ST ROSE STE ROSE DE LAVAL QUE	B ARCH 3 PL 1674
HUMPHREYS GERTRUDE W 4761 COOLBROOK AVE MTL 150 SPADINA AVE OTTAWA ONT	M S W 2 WA 3176
HUNEAULT MARCEL F 3297 HOCHELAGA MONTREAL QUE	B ENG EL 4 HO 1293
HUNSICKER MARY ANN ROYAL VICTORIA COLLEGE WEST MORGAN ST OBERLIN OHIO U S A	B A 2
HUNT BRIAN RALPH 5825 COTE ST LUC RD HAMPSTEAD QUE	MED DIPL 2 EL 1584
HUNT TREVOR MORGAN 3015 SHERBROOKE ST W APT 1 A MONTREAL 1280 OAK AVE SILLERY QUE	B ENG CH 5 FI 1244
HUNTER JOHN MICHAEL 3330 RIDGEWOOD APT 2 MONTREAL QUE	MED DIPL 4 PL 1251
HUNTER ROBERT GORDON 4871 PATRICIA ST MONTREAL QUE	B ENG 1 WA 5772
HUNTER ROBERT THOMAS 3592 UNIVERSITY ST MTL 502 BLVD DU HAVRE VALLEYFIELD QUE	B COM 4 PL 2435
HUNTER ROBIN C A 3425 UNIVERSITY ST APT 4 MONTREAL QUE	MED DIPL 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HUNTTING HUGH CAMPBELL 12500 LAKE ST EXTENSION RD HOPKINS MINN U S A	B ENG 1
HUOT JULES ARMAND 3851 UNIVERSITY ST MONTREAL 2 QUE	B ENG 2 UN 6 0218
HUQ A K M FAZLUL 42 PERRAULT AVE STE ANNE DE BELLEVUE QUE DEPT OF SOIL SCIENCE DACCA UNIV E PAKISTAN	PH D 2
HURLBERT BERNARD STUART 417 PRINCE ARTHUR W MTL TUSKET N S	PH D 2 MA 9038
HURLEY HORACE WESLEY 3851 UNIVERSITY ST MTL 20 CLEUT RD GREAT NECK N Y U S A	MD CM 4
HURST NORMAN 4090 ROYAL AVE MONTREAL 28 QUE	M A 1 WA 1156
HURTEAU GILLES 481 PRINCE ARTHUR ST W MONTREAL 612 CUMBERLAND ST OTTAWA ONT	MD CM 2 LA 9489
HUSAIN BILAL RIAZ DOUGLAS HALL RR GOALMAGAR DACCA EAST PAKISTAN	PH D 3 PL 5285
HUSARUK EUGENE SWEET HOME 7140 9TH AVE MONTREAL 38 QUE	L MUS 3 DO 9420
HUSARUK IRENE MACDONALD COLLEGE 7140 9TH AVE VILLE ST MICHEL QUE	TCH ELEM 1
HUSK MARJORIE FRANCES MACDONALD COLLEGE BOX 36 MELBOURNE QUE	TCH ELEM 1
HUSOLO HENRY 1040 MACKAY ST MONTREAL QUE	D D S 1 UN 6 0918
HUSTY CHARLES JOSEPH Y M C A 1441 DRUMMOND ST WATFORD ONT	B COM 1
HUTCHEON LORNA NAN ROYAL VICTORIA COLLEGE SOULE AVE DUXBURY MASS U S A	B A 1 PL 0597
HUTCHESON ROBERT BENNETT 14 NORTHCOTE RD HAMPSTEAD QUE	B COM 1 EL 6093
HUTCHINS GEORGE ROSS 1285 REDPATH CRESCENT MONTREAL 25 QUE	L MUS 2
HUTCHINSON JILL REAY ROYAL VICTORIA COLLEGE 373 PRINCE EDWARD DRIVE TORONTO 18 ONT	B A 4 PL 0526
HUTCHISON ALAN GAGE 40 ANWOTH RD WESTMOUNT QUE	B COM 3 WE 4153
HUTCHISON BARBARA B ROYAL VICTORIA COLLEGE 653 RICHMOND RD OTTAWA ONT	B SC P ED 2
HUTCHISON BRUCE KERR 764 UPPER LANSDOWNE AVE WESTMOUNT QUE	B COM 2 EL 1807
HUTCHISON ELEANOR ANN 240 KENSINGTON AVE WESTMOUNT QUE	B A 4 FI 4770
HUTCHISON IAN E 764 UPPER LANSDOWNE WESTMOUNT QUE	MD CM 3 EL 1807
HUTCHISON JAMES LAWRENCE 40 ANWOTH RD WESTMOUNT QUE	MD CM 4 WE 4153
HUTCHISON JOHN OAKLAND AVE HUDSON HEIGHTS QUE	PARTIAL 3 UN 6 2551
HUTMAN EMANUEL 52 NELSON AVE OUTREMONT QUE	B SC 2 DO 2594
HYAMS BRAHM BALLON 5000 CLANRANALD AVE APT 308 MONTREAL QUE	MD CM 1 HU8 4466
HYDE WILLIAM FARRELL 736 UPPER BELMONT AVE WESTMOUNT QUE	B COM 3 EL 9234
HYMAN JOAN MARION MACDONALD COLLEGE 4885 LACOMBE AVE MONTREAL QUE	TCH ELEM 1
HYMER STEPHEN HERBERT 5980 DECELLES AVE MONTREAL QUE	B A 2 RE 3 3541
HYNDMAN AUSTIN STUART 3865 DRAPER AVE MONTREAL QUE	B C L 4
HYNDMAN CHARLES F MTL GENERAL HOSPITAL ORMSTOWN QUE	MED DIPL 4 PL 7751
HYNDMAN DAVID BOTHWELL WILSON HALL SHEET HARBOUR N S	B COM 2
HYPPONEN SAMPO WAINAMO 5335 WESTERN AVE MONTREAL 28 QUE	B ENG MCH 3 WA 5582

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IACURTO JOHN PETER PAUL 7239 ST URBAIN ST APT 1 MONTREAL QUE	B ENG 2 CR 6885
IBBOTT JOHN WILLIAM DOUGLAS HALL 3708 W 18TH AVE VANCOUVER B C	MD CM 3
IDZIAK EDWARD STEFAN MACDONALD COLLEGE 1773 CENTRE ST MONTREAL QUE	B SC AGR 1
IMBEAU LOUIS ANTOINE J 4579 HUTCHISON ST MTL P O BOX 124 GRANDE RIVIERE QUE	B ENG MCH 4 GR 7144
IMBLEAU CHERIE MARIE ROYAL VICTORIA COLLEGE 2106 MORRIS AVE UNION UNION CO NEW JERSEY U S A	B A 3 PL 0571
IMBLEAU YVONNE HELEN 640 PRINCE ARTHUR ST MTL 2106 MORRIS AVE UNION NEW JERSEY U S A	MD CM 4 BE 0725
INCH DORIS ISABEL 620 PRINCE ARTHUR ST W MONTREAL R R 2 PORT HOPE ONT	B L S 1
ING JEAN MACDONALD COLLEGE P O BOX 97 MORRISBURG ONT	B SC H EC 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
INGELRELST CARMEN JOSIE 9975 HAMEL AVE MONTREAL QUE	B COM 2 DU 1052
INGLESON GORDON ALBERT 4505 PRINCE OF WALES N D G MONTREAL QUE	B ENG MCH 5 WA 2866
INGRAM DONALD ERNEST 110 DUBE AVE MONTREAL EAST 5 QUE	B ENG 2
INHABER JACK 4398 BEACONSFIELD ST MONTREAL QUE	B SC P ED 1
INNES MALCOLM JAMES 4101 WESTHILL AVE N D G MONTREAL QUE	B ENG 1 WA 2223
IOANNOU PAUL 538 PRINCE ARTHUR ST MONTREAL QUE	B A 2 BE 0552
IRVIN JAMES DICKENSON 16 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B COM 4 EX 1813
IRVINE NEIL MACDONALD COLLEGE FERGUS ONT	B SC AGR 1
IRVINE PATRICIA CAMILLEE ROYAL VICTORIA COLLEGE 623 13 ST SO LETHBRIDGE ALTA	PHYSIOTH 1 PL 0334
IRVING COLIN KIRKLAND 537 GROSVENOR AVE WESTMOUNT QUE	B A 2 WI 7226
IRVING PATRICIA BELLE MACDONALD COLLEGE ST ANICET CO HUNTINGDON QUE	AGR DIP 2
IRVING STANLEY HERBERT 583 NOTRE DAME ST ST LAMBERT QUE	B D 3 OR 1 8645
IRWIN ANNE ELIZABETH ROYAL VICTORIA COLLEGE STE 15 LINWOOD COURT WINNIPEG MAN	B A 4 PL 0034
IRWIN FREDERICK WILLIAM 461 STANSTEAD CRESENT MONTREAL 16 QUE	B ENG 1 AT 1571
IRWIN LORNE CAMPBELL 7926 BIRNAM AVE MTL NAUAN ONT	MD CM 3 CR 7409
IRWIN PETER JOHN 461 STANSTEAD TOWN OF MT ROYAL QUE	B ENG CH 3
ISA ZEGEM RICHARD 1554 STANLEY ST APT 48 MONTREAL P O BOX 84 CURACAO N A	B ENG CIV 5 LA 3623
ISANG ETIM UDO MACDONALD COLLEGE IBIBIO STATE COLLEGE IBOT EKPENE NIGERIA	B SC AGR 4
ISBISTER EARL GLEN 3485 MCTAVISH ST MTL 88 SUNNYSIDE AVE OTTAWA ONT	B SC 3 MA 0141
ISMAIL ABDELMONEIM 3407 PEEL ST MONTREAL QUE	LL M 1 LA 7468
ISMAIL FATHIA 3407 PEEL ST MONTREAL QUE	B C L 3 LA 7468
ISMAILY SAFAR ALI REGISTRAR MCGILL UNIVERS ISMAILI JAMAT KHANA KARIM PURA PESHAWAR CITY PAKISTAN	B ENG CIV 4
ISOMURA SOICHI LUKE 4140 LINTON AVE APT 2 MONTREAL QUE	MD CM 2 EX 5857
ISSARIS NICHOLAS 3571 VENDOME AVE WESTMT 7 SPETSOPOULAS ST ATHENS GREECE	B ENG 2 DE 3383
ITO MAKOTO 17 MELBOURNE AVE WESTMOUNT QUE	B ENG 1 FI 7744
IVERSEN JOYCE JANNET ROYAL VICTORIA COLLEGE BOX 2 ESPLANOLA ONT	B A 3 MA 0858
IVERSEN PAUL J DOUGLAS HALL R SPRUCE AVE ESPANOLA ONT	MD CM 3 BE 8835
IWANCIW HELEN MACDONALD COLLEGE 851 DUNLEVIE AVE OTTAWA ONT	B SC H EC 2
IZENBERG SHEILA 4912 MELROSE AVE N D G MONTREAL QUE	B A 1 DE 8160

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JABLONSKI WERNER LOUIS 3609 UNIVERSITY ST MTL 2 MOORLAND TEE LEEDS 2 ENGLAND	PH D 4 LA 6307
JACK EILEEN LESLIE MACDONALD COLLEGE 5 BELMONT RE GOSSRDS PO JAMAICA B W I	B SC H EC 3
JACKSON DONALD STANLEY 1491 BISHOP ST MONTREAL QUE	PH D 3 BE 5367
JACKSON GARTH DIGBY 3485 MCTAVISH AVE MTL 525 HATLEY ST MAGOG QUE	M SC 2 MA 0141
JACKSON HOWARD AUSTIN 4888 GROSVENOR AVE N D G MONTREAL QUE	B ENG 2 EL 9542
JACKSON JANET EDGEWORTH LA VIEILLE FERME ILE BIZARD QUE	B A 1
JACKSON JOHN DAVID DOUGLAS HALL 135 ALWOODLEY LANE LEEDS ENGLAND	B A 1
JACKSON LAWRENCE DONALD 76 LAZARD AVE TOWN OF MT ROYAL QUE	B ENG MCH 5 AT 4476
JACKSON LEO STERLING 247 OUTREMONT AVE OUTREMONT QUE	B ENG EL 4 CA 4592
JACKSON SHIRLEY MAY MACDONALD COLLEGE R R 1 LACHUTE QUE	TCH INT 1
JACOBS BARBARA PAULINE 4328 SHERBROOKE ST W MONTREAL QUE	B A 3 WI 0682
JACOBS DAVID MICHAEL 420 LANSDOWNE AVE WESTMOUNT QUE	B COM 3 GI 1389
JACOBS ROSS DOUGALL B 573 FORTUNE ST MONTREAL QUE	PH D 3
JACOBSEN PER JOHN 204 WOOD AVE WESTMOUNT QUE	B ENG CH 4 WE 6031

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JACOBSON MYRON JULIUS 3431 DRUMMOND ST MTL 21 SPENCER AVE LYNBROOK N Y U S A	B SC 3 MA 0243
JAEGGIN RONALD PAUL 3829 GIROUARD AVE MONTREAL 28 QUE	B ENG 1 EL 7105
JAKOBSON GUNNAR JOHN A WILSON HALL 5 MILBANKE ST ST JOHNS NFLD	B ENG CIV 4
JAMER CLARENCE ELDRIDGE 3474 MCTAVISH ST MTL POND HILL PEMBROKE EAST BERMUDA	MD CM 1 PL 0922
JAMES SANDRA ELLEN ROYAL VICTORIA COLLEGE AIR DEFENSE COMMAND ST HUBERT QUE	B SC 3 PL 0477
JAMMER LOUIS ALEXANDER 3870 NORTHCLIFFE AVE MONTREAL QUE	M SC 1 HU 8 7924
JAMMER MARILYN REYNOLDS 3870 NORTHCLIFFE AVE MONTREAL QUE	M SC 1 HU 8 7924
JANE DOROTHY KATHERINE 6 HOLMDALE RD HAMPSTEAD QUE	B A 2 DE 8647
JANSSEN WERNER ALFRED 325 TASSE ST VILLE ST LAURENT QUE	MD CM 2 RI 4 2609
JAQUES MAURICE FREDERIC 4764 ROSLYN AVE MONTREAL QUE	PARTIAL 0 EL 2913
JARDINE THELMA ROSE 12 OLDFIELD ST APT 5 MTL VALLEY RIVER MAN	B L S 1 WI 8377
JARED JOHN CHARLES RESIDENT MANAGER LAKEVIEW CEMETERY POINTE CLAIRE QUE	B SC 1
JARJOUR EDWARD GORDON 7346 ST DENIS ST MTL 396 WATERLOO ST WINNIPEG MAN	D D S 4 TA 7129
JARVIS ADERY ANN ISABEL ROYAL VICTORIA COLLEGE EAST LAWN ST CLAIRSVILLE OHIO U S	B A 4 PL 0180
JARVIS SUSAN MACDONALD COLLEGE 525 KENWOOD AVE OTTAWA ONT	B SC H EC 4
JASON HILLIARD KALMAN 480 TRENTON AVE TOWN OF MT ROYAL QUE	B SC 4 EX 0828
JASON MARVIN WILLIAM 5139 NOTRE DAME DE GRACE MONTREAL QUE	B ENG MCH 5
JAVET ERNEST AUGUSTE 7941 RAOUL AVE MONTREAL QUE	B C L 3 DU 4107
JAVID MANSOUR 2135 DORCHESTER ST W MTL 401 PARK PLACE FORT LEE N J USA	PH D 3 WE 5805
JAY MARVIN EDWARD 4586 HARVARD AVE NDG MONTREAL QUE	PARTIAL 0 EL 0637
JEDEIKIN LEON 3803 THE BOULEVARD WESTMOUNT QUE	B A 1 WA 9579
JEDRYCHOWSKI JOHN WACLAW 7721 FIRST AVE VILLE ST MICHEL QUE	B ENG 1
JEHU ROBERT GEORGE 225 32 AVE LACHINE QUE	B SC 1 NE5 1087W
JENKINS JOHN ROBERT DOUGLAS HALL C O MRS F M TRASLER 1122 LAIRD BLVD TOWN OF MT ROYAL QUE	B COM 1
JENKINS JOHN TREVOR 5843 7TH AVE ROSEMOUNT QUE	B SC 4 AM 8331
JENNINGS JAMES OWEN P 6060 HUTCHISON ST MTL SHEENBORD QUE	B ENG 2 DO 7526
JENNINGS KENNETH HUGH 3466 MCTAVISH ST MTL BATHURST N B	MD CM 3 LA 9533
JENSEN JOSEPH EDGAR JR DOUGLAS HALL 94 FREMONT PL LOS ANGELES 5 CAL U S A	MD CM 2
JENSEN RICHARD EUGENE 1472 BISHOP ST MTL 425 29TH AVE N W CALGARY ALBERTA	PH D 2 LA 1311
JENSEN WALTER MERTON JR 3511 UNIVERSITY ST MTL 6 COVENTRY RD WORCESTER MASS U S A	B SC 3 MA 7527
JEPHCOTT JAMES ROBERT MACDONALD COLLEGE P O BOX 146 HUDSON QUE	B SC AGR 2
JEPSEN BENTE SIGRID 11366 ST GERMAIN BLVD CARTIERVILLE QUE	B A 3 BY 1980
JESSURUN CARDOZO SAMUEL 1310 PINE AVE WEST MTL SCHARLOOWEG G2 WILLEMSTAD CARAGAO NETH WEST INDIES	B SC 4 BE 0334
JIMENEZ RICARDO C 5238 QUEEN MARY RD APT 3 MONTREAL SAN SALVADOR EL SALVADOR	PARTIAL 0
JOHNS DAVID GARRETT Y M C A 1441 DRUMMOND ST MONTREAL 2969 WEST 21ST ST VANCOUVER B C	B SC 3
JOHNS JAN HAMISH MACDONALD COLLEGE 1A DE JULIO 907 MONTEVIDEO URUGUAY	AGR DIP 2
JOHNSON CHARLES ANTONY 621 PRINCE ARTHUR ST MTL RHONDA WORTHING BARBADOS B W I	MD CM 3 MA 0856
JOHNSON DOREEN ELEANOR ROYAL VICTORIA COLLEGE 158 ACACIA AVE ROCKCLIFFE PARK OTTAWA 2 ONT	B SC 2 UN 60206
JOHNSON ELEANOR GERTRUDE 80 HUDSON AVE TOWN OF MT ROYAL QUE	GR N CERT 1 AT 4566
JOHNSON FRANCES EMMA JNE MACDONALD COLLEGE UPPER STEWIACKE COL CO N S	B SC AGR 3
JOHNSON JOHN PETER 883 ST ROCH ST MONTREAL QUE	B COM 3 CA 4419
JOHNSON MAUREEN EVELYN MACDONALD COLLEGE ELLANGOWAN ST JOSEPH BARBADOS B W I	B SC H EC 4

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
JOHNSTON AGNES TENNANT 3458 PEEL ST MONTREAL QUE	M S W 0 LA 0360
1604 PINE AVE WEST MONTREAL QUE	FI 4985
JOHNSTON ALBERT CHARLES 4831 ISABELLA AVE MTL 377 MILTON ST NANAIMO B C	MD CM 4 AT 7727
JOHNSSTON CAROLYN ANN N MACDONALD COLLEGE 209 SUNNYSIDE AVE OTTAWA ONT	B SC H EC 1
JOHNSTON DAVID IAN 3126 MAPLEWOOD AVE APT 3 MONTREAL QUE	B A 4 AT 2876
JOHNSTON DOROTHY HELENA MACDONALD COLLEGE 830 EGAN AVE VERDUN QUE	TCH INT 1
JOHNSTON EVERETT HERD 523 PINE AVE WEST MONTREAL QUE	MD CM 4 LA 9364
JOHNSTON FRANCES LOUISE 818 CANORA RD TOWN OF MT ROYAL QUE	B SC 4
JOHNSTON JAN ELIZABETH ROYAL VICTORIA COLLEGE CEDAR SWAMP RD GLEN HEAD NEW YORK U S A	B A 1
JOHNSTON JOHN ALEXANDER 3485 MCTAVISH ST MTL 45 EUCLID AVE WATERLOO ONT	PH D 3 PL 5754
JOHNSTON LIN LLOYD 818 CANORA TOWN OF MT ROYAL QUE	B ENG 2
JOHNSTON M CARLYLE 806 UPPER LANSDOWNE AVE WESTMOUNT QUE	B C L 3 EL 1564
JOHNSTON NORAH AGNES ROYAL VICTORIA COLLEGE 44 MARKET ST GANANOQUE ONT	B A 1 PL 0597
JOHNSTON ORVILLE MURRAY MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
JOHNSTON TUDOR WYATT 4048 GAGNE RD MONTREAL QUE	B ENG PHY 5 FI 6169
JOHNSTON WILDA JUNE MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC H EC 4
JOHNSTONE JOAN ELAINE ROYAL VICTORIA COLLEGE 2 BINNEY ST HALIFAX N S	B SC P ED 2
JOLIN CLAUDE 244 SHERBROOKE ST E MTL BOX 305 AMOS ABITIBI QUE	B ENG 1 MA 8138
JOLY MADELEINE 1120 BERNARD ST APT 34 MONTREAL QUE	B A 3 DO 7172
JONAS JOHN JOSEPH 495 PRINCE ARTHUR ST APT 22 MONTREAL QUE	B ENG MET 4 LA 9923
JONAS LESLIE KING 495 PRINCE ARTHUR ST W MONTREAL QUE	B SC 1 LA 9923
JONAS NEIL 4660 WEST BROADWAY ST N D G MONTREAL QUE	B ENG 1 EL 6348
JONES ALUN RICHARD 3791 MARLOWE AVE MTL THE OLD HALL SOMERTON SOMERSET ENGLAND	M SC 1 EL 4262
JONES ARNOLD ROBERT 1311 PINE AVE W MTL GRAND FORKS B C	MD CM 4 LA 9176
JONES ELIZABETH MARY 449 CLARKE AVE WESTMOUNT QUE	B A 2 WI 9295
JONES ELOISE ELIZABETH 3562 HUTCHISON ST MTL 3 GRAFTON RD KINGSTON JAMAICA B W I	MD CM 1 BE 9656
JONES ESTHER MACDONALD COLLEGE 7923 DE L EPEE AVE MONTREAL QUE	TCH ELEM 1
JONES EVAN HURLEY 3489 STANLEY ST APT 102 MONTREAL QUE	D D S 4 HA 6309
JONES FRANCIS BRUCE MACDONALD COLLEGE 1 KINDERSLEY AVE TOWN OF MT ROYAL	B SC AGR 3
JONES GRETA LORAINE ROYAL VICTORIA COLLEGE NORTH WINDS PEMBROKE E BERMUDA	B A 2 PL 0327
JONES JAMES KENDALL MACDONALD COLLEGE 49 CANTERBURY RD NEWTON HIGHLANDS 61 MASS U S A	MD CM 1
JONES JEAN MCEACHRAN 269 HARVARD ST CAMBRIDGE MASS USA	M S W 2
JONES JENNIFER MACDONALD COLLEGE HOMEWOOD FARN PRESCOTT ONT	B SC AGR 2
JONES JOHN COFIE 3417 SHUTER ST MTL PRESBYTERIAN MISSION BOX 3 WURUPONG NKONYA GOLD COAST WEST AFRICA	B SC 3 MA 0973
JONES MARGARET GLADYS 185 HEBERT ST VILLE ST LAURENT QUE	GR N CERT 1 BY 1540
JONES MICHAEL JOSEPH M MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 2
JONES ROBERT CODE 3775 UNIVERSITY ST MTL 801 MANAWAGONISH RD FAIRVILLE N B	MD CM 4 PL 1251
JONES RONALD 10632 GRANDE ALLEE MONTREAL 12 QUE	B A 2 DU 4674
JONES WILLIAM MERIDETH 4844 WILSON AVE N D G MONTREAL QUE	MD CM 3 EL 5423
JOOS IRMA 7722 WISEMAN AVE MONTREAL QUE	M A 1 DO 8751
JORDAN ROBERT HENRY 3445 PEEL ST MONTREAL QUE	B ENG COM 5 HA 9462
JORGENSEN HALDIS BRYN 4131 COTE DES NEIGES RD MONTREAL QUE	B A 4 WI 3826
JOSEPH HAROLD ROWAN 205 EDGEHILL RD WESTMOUNT QUE	B COM 2 EL 1026
JOSS DONALD GREENLEAF 4159 HARVARD AVE MTL 243 BLEECKER AVE BELLEVILLE ONT	B COM 4 DE 1079

DIRECTORY OF STUDENTS

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JOWSEY JAMES RALPH DOM EXPERIMENTAL STATION SWIFT CURRENT SASK SALTCOATS SASK	PH D 5
JOYAL MAURICE WILFRED 538 PRINCE ARTHUR W MTL 1 BROAD ST CLAREMONT N H U S A	B ENG EL 4 BE 0552
JUBIEN ROBERT WALTER 150 VIVIAN AVE MONTREAL 16 QUE	B SC 1 AT 1357
JUMIS FRANCIS 5020 BESSBOROUGH AVE MONTREAL QUE	B ENG CIV 3 DE 3841
JUBIEN WILLIAM ERNEST 150 VIVIAN AVE TOWN OF MT ROYAL QUE	B ENG CIV 4 AT 1357
JUBY MALCOLM CARL MACDONALD COLLEGE AUSTIN QUE	B SC AGR 3
JUDGE PATRICK RUSSELL 3474 UNIVERSITY AVE MTL 4845 VERDUN AVE VERDUN QUE	B D 1 MA 4902
JUDSON CHARLES 4918 FULTON AVE MONTREAL QUE	B ENG 1 EX 1254
JUDSON GRAHAM 3791 MARLOWE AVE MTL 308 WATERLOO ST WINNIPEG MAN	MD CM 1 EL 4262
JUE DONALD WARREN 3573 PARK AVENUE MONTREAL 18 QUE	B ENG CIV 3 HA 8036
JULIEN GUY J C 7547 DE NORMANVILLE MONTREAL QUE	B ENG COM 5
JURICEK EDWARD 2300 HARVARD AVE MONTREAL QUE	PARTIAL 0 WA 3929

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KAHN ASHER 1829 NORTH AVE MONTREAL QUE	B A 3 EX 7090
KAHN BERTRAM 3610 DUROCHER ST MTL 131 BLAKE AVE BROOKLYN 12 N Y U S A	B SC 1 PL 1627
KAHN GITA 2658 SOISSONS AVE MONTREAL QUE	B COM 2 AT 1887
KAHN MIRIAM NAOMI 5672 MONKLAND AVE MTL 66 LURA ST LOWELL MASS U S A	B A 3 DE 8921
KALANT NORMAN 3610 LORNE CRESCENT MONTREAL QUE	PH D 2 PL 4610
KALFUSS LEONARD 788 DAVAAR AVE OUTREMONT QUE	B SC 1 CA 6157
KALINSKY STANLEY 1125 LAJOIE AVE APT 6 MONTREAL QUE	B A 1 DO 7056
KALL RALF 5575 BEAUCOURT ST APT 9 MONTREAL QUE	B ENG MI 3
KALLES EUDICE 4629 PARK AVE MONTREAL QUE	B A 1 LA 8820
KALLOS TIBERE 3515 SHUTER ST MONTREAL QUE	M C L 1 MA 8411
KALTER HAROLD 3780 ST CATHERINE RD MONTREAL QUE	PH D 3 AT 6263
KANEB MARILYN ILLEANA ROYAL VICTORIA COLLEGE 136 FOURTH ST W CORNWALL ONT	B A 2
KANTOR ELEANOR 671 QUERBES AVE MONTREAL QUE	M S W 1 DO 0697
KANTTI HARRY 1543 ST ANTOINE ST MONTREAL QUE	B ENG 1 FI 5643
KAPICA LUCIA 1380 OUIMET ST APT 27 MONTREAL QUE	M SC 1 BY 5481
KAPLANSKY ELCA 74 COBURS ROAD HALIFAX NOVA SCOTIA 201 DOUGLAS AVE SAINT JOHN N B	M PS SC 2
KAPOROVSKY MORRIS 6284 DE VIMY AVE MONTREAL QUE	B COM 1 AT 0742
KAPUSTA MORTON ALLAN 4615 MICHEL BIBAUD ST MONTREAL QUE	B SC 2 EX 4829
KAPUSTA RONALD 4615 MICHEL BIBAUD ST MONTREAL QUE	B A 1 EX 4829
KARDASH ANNA 6671 IBERVILLE ST ROSEMOUNT QUE	TCH KIND 1 TA 9515
KARNUPE MARA EDITH 4313 MONTROSE AVE WESTMOUNT 268 FIRST AVE TTAWA ONT	B L S 1 WI 2628
KARP DOROTHY 74 PRINCE ARTHUR ST MONTREAL QUE	PH D 4 HA 9862
KARPISHKA IRENE SOPHIE 823 WILLIBRORD AVE VERDUN QUE	B SC 2 YO 2470
KARTNER MARY 1440 CRESCENT ST APT 5 MONTREAL 862 RAILWAY AVE R R 1 STEVESTON B C	GR N CERT 1 PL 4513
KASHKET SHELBY 4831 ST URBAIN ST MONTREAL QUE	M SC 1 HA 8487
KASIRER PAUL 3495 VENDOME AVE N D G MONTREAL QUE	B A 3 DE 2369
KASMAN SIDNEY 2070 UNION AVE APT 14 MT 33 CLASSIC AVE TORONTO ONT	PH D 2
KASNER MARTIN 671 CHAMPAGNEUR AVE MONTREAL 8 QUE	B SC 2 CA 7262
KASPER GERALD GUY 2239 GIROUARD AVE N D G MONTREAL QUE	B COM 3 EL 5460
KATRUSIAK JOSEPH MYRON 1180 DRUMMOND ST APT 23 MONTREAL 304 QUEEN ST SASKATOON SASK	B ENG CIV 3 UN 6 9003
KATSOS PETER 876 HARTLAND AVE OUTREMONT QUE	B ENG 1 AT 0894

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KATZ ALLEN RONALD 4269 ST URBAIN ST APT 3 MONTREAL QUE	B ENG PHY 3 HA 7049
KATZ BERNICE MACDONALD COLLEGE 5994 WAVERLEY MONTREAL QUE	TCH ELEM 1
KAUFMAN FRED 2209 WILSON AVE MONTREAL 28 QUE	B C L 2 DE 4995
KAUFMAN NETTIE MACDONALD COLLEGE 4664 VAN HORNE AVE MONTREAL QUE	TCH ELEM 1
KAUFMANN EDWIN DONALD 419 PRINCE ARTHUR W MTL 215 BEEKMAN ST SARATOGA SPRINGS N Y U S A	MD CM 2 HA 1088
KAUNAT GERHARD ERIC 2223 MARCIL AVE MONTREAL QUE	B ENG EL 4 DE 2201
KAVADAS ALEXANDER 2940 BARCLAY AVE APT 17 MONTREAL QUE 46 GIFFORD DRIVE WORCESTER MASS USA	PARTIAL RE3 1790
KAWAI SHOW AKIRA 7121 10TH AVE ST MICHEL MONTREAL QUE	B ENG 2 DO 7867
KAWAI SHOW AKIRA 7121 10TH AVE ST MICHEL MONTREAL QUE	B ENG 2 DO 7867
KAY STUART ANDREW 3320 COTE STE CATHERINE MONTREAL QUE 203 ELK AVE NEW ROCHELLE N Y U S A	MD CM 4 EX 0283
KAYE CARL EDWARD 898 AVENUE RD TORONTO 12 ONT	B SC 2
KEAN DORIS MAE MACDONALD COLLEGE 194 ROSEBERRY ST CAMPBELLTON N B	HOMEMAKER 1
KEDDIS ERNA MTL GENERAL HOSPITAL WEST DIV MONTREAL QUE	MED DIPL 2 WI 3121
KEEB DIANA 5240 DALOU MONTREAL QUE	B A 3 WA 7889
KEENAN DANIEL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
KEENAN PATRICK JOHN 4569 WILSON AVE N D G MONTREAL QUE	B COM 3 HU 8 3045
KEEVER EDWARD DUDLEY 546 MILTON ST MTL 21 CLOVE RD NEW ROCHELLE N Y U S A	MD CM 4 MA 3725
KEHOE MAURICE KEVIN 4940 PRINCE OF WALES AVE MONTREAL 28 QUE	B ENG EL 4 WA 9248
KEIRSTEAD MARION E MACDONALD COLLEGE 4096 MARLOWE AVE MONTREAL QUE	TCH ELEM 1
KEIRSTEAD MARJORIE S 2140 GREY AVE APT 2 N D G MONTREAL QUE	M A 2 WA 5462
KEKES ZOLTAN PETER 1549 MACKAY ST MTL HOTEL HABANA CIVDAD TRUJILLO DOM REPU	B ENG 2 BE 0559
KELEN ERICA FRANCES 1540 SUMMERHILL AVE MONTREAL QUE	B SC 2 WE 7120
KELIHER THOMAS LAWRENCE 475 PINE AVE MTL 110 DALY AVE OTTAWA ONT	B SC P ED 4
KELLAND JOHN DAVID 37 CURZON AVE MONTREAL QUE	B ENG 1 EL 7459
KELLER EDWARD 5401 COTE ST LUC RD MONTREAL QUE	B ENG 2 WA 5339
KELLER EDWARD SULLIVAN 180 MORRISON AVE TOWN OF MT ROYAL QUE 122 E 21ST ST LORAIN OHIO U S A	MD CM 2 AT 0417
KELLER ELLA LORRAINE 1923 DORCHESTER ST W MTL CARMEL SASK	B L S 1 WE 4856
KELLEY BRIAN SCOTT 4127 WILSON AVE N D G MONTREAL QUE	EDUCATION 5 DE 0108
KELLNOR FARLA BARBARA 5235 COTE ST LUC RD APT 2 MONTREAL QUE	B A 2 EL 3672
KELLY ARTHUR JOHN 490 FOURTH AVE VERDUN QUE	B C L 3 YO 6670
KELLY BASIL WILLIAM MACDONALD COLLEGE HUNTINGDON QUEBEC	AGR DIP 1
KELLY BEATRICE ROYAL VICTORIA COLLEGE 35 56 79 ST JACKSON HEIGHTS 72 NEW YORK U S A	B A 2 PL 0829
KELLY JANET DOREEN 80 HIGHFIELD AVE TOWN OF MT ROYAL QUE	TCH INT 2 AT 3354
KELLY JOHN JOSEPH 645 PRINCE ARTHUR ST APT 13 MONTREAL QUE	MD CM 4 MA 6621
KELLY LAWRENCE EARL MACDONALD COLLEGE 3805 30TH AVE VERNON B C	D D S 3
KELLY MAURICE VEVMON 2023 MARLOWE AVE APT 5 N D G MONTREAL QUE	M S W 1 HU 8 6877
KELLY WILLIAM FRANCIS 3485 MCTAVISH ST MTL 2336 ROBINSON ST REGINA SASK	B ARCH 5 MA 0141
KELTY EDWARD JOHN 1300 REDPATH CRES MTL 51 WEST BLVD E ROCKAWAY NEW YORK USA	M PS SC 1 HA 4631
KENDALL ALAN GORDON SHRINERS HOSP CEDAR AVE MONTREAL QUE	MD CM 3 PL 4464
KENNEDY DAVID HOWARD WILSON HALL 275 SPRINGFIELD RD ROCKCLIFFE OTTAWA ONT	M ENG 1 PL 0254
KENNEDY EDITH MARY ROYAL VICTORIA COLLEGE 275 SPRINGFIELD RD ROCKCLIFFE PARK OTTAWA 2 ONT	B SC 2 PL 0598
KENNEDY HERMAN ARTHUR 1330 JEAN TALON E MONTREAL QUE	B ENG MCH 3 GR 1160
KENNEDY JAMES THOMAS 574 VICTORIA AVE WESTMOUNT QUE	B C L 1 WA 3677

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KENNEDY JOHN DENNIS L DOUGLAS HALL CARNDUFF SASK	D D S 3 PL 7880
KENNEDY NAN VERNA 6 BELFRAGE RD WESTMOUNT QUE	PARTIAL WA 2423
KENNEDY WILLIAM SPANKIE WILSON HALL 36 BEATY AVE TORONTO 3 ONT	B ENG 2 PL 0026
KENNERLEY JOHN 6 CORNWALL AVE TOWN OF MT ROYAL QUE	B SC 1 RE3 1380
KENNEY GERARD ISAIE 32 A ST JUST ST MONTREAL QUE	B ENG EL 4 DO 9476
KENNEY THEODORE CAMERON 591 DESAULNIERS BLVD ST LAMBERT QUE	B ENG CIV 5 OR 1 8436
KENNING STUART GORDON DOUGLAS HALL 806 DEREEN PL VICTORIA B C	MD CM 1
KENNY BERT JAMES 109 BLENHEIM PLACE WESTM 358 ATHLONE AVE OTTAWA ONT	B ENG CIV 4
KENT JOHN DONALD BENNETT 760 44 AVE LACHINE QUE	B ENG 2 NE 5 0352
KENT LEONARD EDWARD 760 44 AVE LSCHINE QUE	D D S 2 NE 5 0352
KENT MAUREEN MACDONALD COLLEGE 5684 BANNANTYNE AVE VERDUN QUE	TCH INT 1
KEOGH RICHARD KEVIN 5421 HUTCHISON ST MTL 118 BROADVIEW AVE MONCTON N B	MD CM 1 DO 6302
KEON JOHN ARNOLD 3501 WALKLEY AVE MTL SHEENBORO QUE	B ENG MCH 5
KEPRON DONALD 3590 UNIVERSITY ST MTL 729 BURROWS AVE WINNIPEG MAN	D D S 3 MA 9680
KERENYI GABRIEL ROBERT 6125 COTE DES NEIGES RD MONTREAL QUE	B ENG PHY 4 RE 3 3836
KERN THERESA ROYAL VICTORIA COLLEGE 717 JOHNSON ST KINGSTON ONT	B ENG 1
KERR DAVID ROSS MACDONALD COLLEGE 29 WOODLAND AVE BEAUREPAIRE QUE	B SC AGR 2
KERR IRENE MARILYN MACDONALD COLLEGE R R 1 COOKSHIRE QUE	TCH ELEM 1
KERR JOHN WINSTON MACDONALD COLLEGE 36 MAPLE AVE STE ANNE DE BELLEVUE QUE	S T M 1
KERR WILLIAM RICHARD D 4412 ST CATHERINE ST WESTMOUNT QUE	B ENG CH 3 FI 5838
KERSTENETZKY ISAAC 65 SHERBROOKE ST MTL RUA SIEVEIRA MACTINS 129 APT 208 RIO DE JANEIRO B	M A 1 MA 0433
KERSULIS ALGERDAS EDWARD 1007 VALIQUETTE AVE VERDUN QUE	B ENG 1 HE 1319
KERYCZYNSKI WALTER 7577 DELORIMIER AVE MONTREAL QUE	B ENG 1
KESSEL HECTOR JOSEPH WILSON HALL 2421 WEBB AVE APT 16 C BRONX 68 N Y U S A	B ENG CH 3
KESSLER IRVING ISAAK 4563 CLARK ST MONTREAL QUE	B ARCH 3 HA 1590
KESSLER RICHARD ELLIOTT 419 PRINCE ARTHUR AVE MT ANDOVER NEW YORK U S A	MD CM 1 HA 1088
KIAR PALLE 1487 MOUNTAIN ST APT 8 MONTREAL QUE	B SC 4
KIBIRKSTIS JUSTAS 2567 MONTGOMERY ST MONTREAL QUE	B ENG CIV 4
KIDD JEAN ELIZABETH 231 CARLYLE AVE TOWN OF MT ROYAL QUE	B A 4 AT 7324
KIERANS ERIC WILLIAM 4544 MAYFAIR AVE MONTREAL QUE	PH D 3 EL 3129
KIHM RUTH SIGRID 220 16TH AVE ST EUSTACHE QUE	B A 1 5204
KILLAM JUDITH GRACE 202 LAZARD AVE TOWN OF MT ROYAL QUE	B SC 1 AT 9146
KILLORAN DOROTHY IRENE MACDONALD COLLEGE 2 CELANESE SQUARE DRUMMONDVILLE QUE	B SC H EC 3
KILPATRICK DAVID GORDON 4078 HINGSTON AVE N D G MONTREAL QUE	B D 3 DE 7613
KIMBER MARGARET JOAN 3055 SHERBROOKE ST W APT 45 WESTMOUNT QUE	B A 1 WI 9585
KIMMEL ABRAHAM EARL 4708 JEANNE MANCE ST MONTREAL QUE	B C L 1 PL 6352
KIMURA AKIRA 2111 DELISLE ST MONTREAL QUE	D D S 2 WE 1489
KINDY DAGMAR 6287 2ND AVE ROSEMOUNT MTL QUE	B SC 1
KING ARNOLD DAVID C O KRONENBERG APT 1 806 STUART AVE MTL 331 SO MAIN AVE ALBANY N Y U S A	B SC 2 CR 4221
KING BARBARA FRANCIS ROYAL VICTORIA COLLEGE BOX 1500 VAL D OR QUE	B SC 3 PL 0265
KING ELIZABETH FRANCES 777 UPPER BELMONT AVE WESTMOUNT QUE	B SC 1 EL 3996
KING GEORGE HECTOR DOUGLAS HALL 46 SOUTH DRIVE ST CATHERINE ONT	B ENG 2
KING HAMILTON DELISLE MACDONALD COLLEGE BRIDGETOWN BARBADOS B W I	M SC 1
KING HUGH LLOYD 293 LAFAYETTE AVE MONTREAL SOUTH QUE	B SC 4 OR 4 4512
KING JAMES BARRY 3466 MCTAVISH ST MTL 146 WINSLOW ST FREDERICTON N B	MD CM 3 LA 9533

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KING JOHN FERGUSON 3891 LINTON AVE APT 4 MONTREAL QUE	EDUCATION 5 EX 7816
KING JOHN KENNETH 1474 FORT ST APT 3 MTL 146 WINSLOW ST FREDERICTON N B	MD CM 3
KINGMAN ABNER JR 1524 SUMMERHILL AVE MONTREAL QUE	MD CM 2 FI 1361
KINGSBURY DONALD M 2108 MAPLEWOOD AVE MONTREAL QUE	B SC 2 AT 3110
KINGSMILL DIANA PATRICIA 589 LANSDOWNE AVE MONTREAL QUE	B SC 4 HU 8 5327
KINGSTONE DANIEL 5936 DUROCHER AVE MONTREAL QUE	B A 4 GR 1019
KINGSTONE EDDIE 5936 DUROCHER AVE OUTREMONT QUE	MD CM 1 GR 1019
KINGSTONE REUBEN 4882 ST URBAIN ST MONTREAL QUE	B ENG PHY 4 CA 4776
KINNIS GLADYS CALVERT 1158 BEAVER HALL SQUARE MONTREAL QUE	M S W 2 UN 6 9138
KINSMAN LUCY ALMENA R 456 PINE AV W APT 28 MTL 28 WRIGHT ST SAINT JOHN N B	M S W 1 LA 9762
KINSMAN MICHAEL JON R 3511 UNIVERSITY ST MTL 1270 REGENT RD APT 16 MONTREAL QUE	B A 1 AT 4165
KIRBY JOHN CHARLES 1089 ST JOSEPH ST LACHINE QUE	S T M 1 NE5 0530
KIRKALDY JOHN SAMUEL 1180 DRUMMOND ST MTL TERRACE B C	PH D 3 PL 2475
KIRKER ELBRIDGE ALLISTER 1320 LOMBARD CRESCENT APT 17 TOWN OF MT ROYAL QUE	PARTIAL
KIRKLAND SHEILA GEORGINA 1699 GRAHAM BLVD APT 9 TOWN OF MT ROYAL QUE	PARTIAL
KIROVAC GERARD 15 ROUTHIER AVE QUEBEC QUE	B ENG MCH 5
KIRSCH EILEEN ROSALIND MACDONALD COLLEGE 3445 VENDOME AVE MONTREAL QUE	TCH INT 1
KIRSCH HELEN GITTLE 5447 JEANNE MANCE ST MONTREAL QUE	TCH INT 1 CA 1797
KIRSH DAVID MAXWELL 4840 MAPLEWOOD AVE MONTREAL QUE	B COM 4 EX 5438
KIRSHNBLATT DAVID 4544 HARVARD AVE MONTREAL QUE	B C L 2
KIRTON CECIL RALPH 3650 LORNE CRESCENT MONTREAL QUE	D D S 3 HA 9946
KIRTON JONATHAN GRENVILL 193 WOLSELEY AVE MONTREAL QUE	B ENG 1 DE 4033
KISHIMOTO MICHAEL TEBUO 633 UNDERHILL PLACE MTL 481 SHIRAKANE SANKODO SHIBA MINATOKA TOYKO JAPAN	B COM 2 MA 7874
KISSOON SIBERTIE ROYAL VICTORIA COLLEGE 7 LAMAHA ORONOQUE STS GEORGETOWN BR GUIANA	B SC 2 PL 0571
KLAMKA SUSAN 5308 PARK AVE MONTREAL QUE	EDUCATION 5 TA 6602
KLASSEN NORMAN VICTOR 4566 PATRICIA AVE N D G MONTREAL QUE	B SC 3 DE 6256
KLEE WILFRID EDGAR 149 NORMANDY DRIVE TOWN OF MT ROYAL	B ENG 1 RE 3 6630
KLEIN ARTHUR 6757 FIELDING MONTREAL QUE	B SC 4 EL 3693
KLEIN GEORGE MARVIN 654 MURRAY HILL WESTMOUNT QUE	B COM 3 EL 6251
KLEIN IDA 4642 ST URBAIN ST MONTREAL QUE	TCH KIND 1 PL 3349
KLEIN LOIS RUTH 3657 WESTMOUNT BLVD MONTREAL QUE	B A 4 DE 3363
KLEIN MITCHELL HARRIS 654 MURRAY HILL WESTMOUNT QUE	B COM 1 EL 6251
KLENIEWSKI CHRISTIAN M DOUGLAS HALL MTL	B ENG MCH 4
KLICIUS ALGIRDAS 1242 ARGYLE AVE VERDUN QUE	B ENG 1
KLIMAS ALECK 4370 ST DOMINIQUE ST MONTREAL QUE	B ENG 1
KLUGMAN MICHAEL ANTHONY 3422 STANLEY ST MONTREAL QUE	M SC 2
KLYM PETER 3225 BELLECHASSE ST MONTREAL QUE	EDUCATION 5 VI 0511
KNAFF PAUL ROBERT 5415 PARK AVE MTL 715 WEST 172 ST NEW YORK 32 N Y U S A	GRAD QUAL 1 DO 8431
KNAPP DOUGLAS MURRAY WILSON HALL 162 WESTMOUNT AVE TORONTO ONT	B COM 4
KNAPP RUSSELL FRANK MACDONALD COLLEGE 162 WESTMOUNT AVE TORONTO ONT	B SC AGR 4
KNIGHT HENRY STUART 21 STRATHMORE BLVD STRATHMORE QUE	B COM 2 ME1 1378
KNOLLYS DAVID FRANCIS MACDONALD COLLEGE BOLEBROKE HARTFIELD SUSSEX ENGLAND	AGR DIP 1
KNOWLES DAVID CLIFFORD 5221 WESTMORE AVE N D G MONTREAL QUE	B A 2 WA 9368
KNOWLES DOROTHY AILEEN 3789 WESTMOUNT BLVD MONTREAL 6 QUE	B L S 1 HU 8 6081
KNOX ALISON DOUGLAS ROYAL VICTORIA COLLEGE FARGO LANE IRVINGTON ON HUDSON NEW YORK U S A	B A 2 PL 0327
KNOX DOUGLAS EARLE 4325 MARIETTE AVE MONTREAL QUE	B ENG 2 HU 8 5479

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KNUBLEY JOHN WALTER 4608 MARCIL AVE N D G MONTREAL QUE	B ENG 2 DE 1851
KOBAYASHI RONALD S 5991 BEURLING VERDUN QUE	B ARCH 2 PO 6 3205
KOBERNICK ELI DAVID 1503 DUCHARME AVE OUTREMONT QUE	B SC 4 CA 5291
KOCH GORDON MATTHIAS 690 VICTORIA AVE WESTMOUNT QUE	B ARCH 5 DE 4183
KOCHEN JOSEPH ABRAHAM 1222 LAJOIE AVE OUTREMONT QUE	PH D 1 VI 6476
KOCHEN SIMON BERNARD 1222 LAJOIE AVE OUTREMONT QUE	B SC 3 VI 6476
KODAK BARBARA 3936 CARLETON AVE MONTREAL QUE	B A 2 EX 0483
KOEHLE HANS 322 DESMARCHAIS BLVD VERDUN QUE	B ENG MCH 3 PO 6 4460
KOGUT ARTHUR 4600 CLARKE ST MONTREAL QUE	MUS B 1 LA 4601
KOHANYI GABRIEL 5348 DUROCHER ST MONTREAL QUE	PH D 2
KOHLMEYER WERNER ARTHUR 3610 LORNE CRESCENT APT 6 MONTREAL QUE	MED DIPL 2 LA 7038
KOKKINOS DIMITRIOS 170 SIMCOE AVE TOWN OF MT ROYAL QUE	B COM 1 EX 4409
KOLBER ERNEST LEO 3485 VAN HORNE AVE MONTREAL QUE	B C L 4 EX 5975
KOLISNYK ZEN 1012 JEAN TALON WEST MONTREAL QUE	B ENG MCH 3 DO 0603
KOLODNY MILDRED 4456 MAPLEWOOD AVE MONTREAL QUE	B A 4 DE 9181
KOLOMEIR SAMUEL 3874 MACKENZIE MONTREAL QUE	B C L 1 BE 3561
KOMAROFF JOSEPH GUSTAV 48 FINCHLEY RD MONTREAL QUE	B ENG 1
KON CHARLES 1817 NORTH AVE MONTREAL QUE	B COM 4 EX 7844
KONIGSBERG EMIL 735 QUERBES MONTREAL QUE	B ENG 1 GR 4419
KOPIN BROWNSTEIN RITA 5020 RIDGEVALE AVE MONTREAL QUE	M SC 2
KOPIN IRWIN JEROME 5020 RIDGEVALE AVE MTL 1104 CARROLL PLACE BRONX 56 N Y U S A	MD CM 2
KOPSTEIN ROGER JOSEPH 3610 DUROCHER ST APT 38 470 TWIN OAK RD SOUTH ORANGE N J U S A	B A 4 HA 1649
KOPTIE ALLAN WILSON HALL BURGIS SASK	B ENG 2
KOPVILLEM OLAF 1470 CHOMEDY ST APT 6 MONTREAL QUE	B SC 1
KORMAN DAVID SHELDON 4584 CIRCLE RD MONTREAL QUE	B COM 3 EL 2782
KORNACHUK ANATOLE PAUL 793 12TH AVENUE LACHINE QUE	B ENG CIV 4 NE5 5132W
KORNBLUTH HARVEY 973 HARTLAND AVE MONTREAL QUE	B ENG 1 RE 3 2697
KORNBLUTH ROSLYN 288 MCDOUGALL MONTREAL QUE	B A 2 DO 1857
KOSS BARBARA MALCA 863 CHAMPAGNEUR AVE OUTREMONT QUE	B SC 3 CR 6989
KOST ERIC GEORGE 79 KENASTON AVE TOWN OF MT ROYAL QUE	B ENG 1 AT 9676
KOSTINER ARNOLD LAWRENCE 3925 RIDGEVALE APT 3 MONTREAL QUE	B COM 2 EX 8939
KOTCH HELEN ROYAL VICTORIA COLLEGE 291 DUFFIELF ST WINNIPEG MAN	B SC 2
KOTLER JULIAN 445 DUFFERIN RD MONTREAL QUE	B A 3 EL 4614
KOTLER NATHANIEL MURRAY 5354 ST URBAIN ST MONTREAL QUE	B COM 2 CA 2167
KOURI PATRICIA HENTIETTA 538 PRINCE ARTHUR ST W MONTREAL MONTREAL PONTEIX SASK	GR N CERT 1 BE 0552
KOURI RONALD LOUIS 8376 BOYER ST MTL 412 NEWTON ST SHERBROOKE QUE	B ENG 1 VE 2670
KOVAL JOSEF APT 408 1455 DRUMMOND ST 316 CAMBRIDGE ST MEDICINE HAT ALTA	LL M 1 LA 7313
KOVALSKI VOYO 3432 DRUMMOND ST MONTREAL QUE	GRAD QUAL 1 LA 8835
KOWAL ROBERT FREDERICK 3474 MCTAVISH ST MTL 50 ROSEBURY TORONTO ONT	B ENG 1
KOWAL WALTER 354 ARGYLE AVE VERDUN QUE	D D S 2 HE 4863
KOWAL WILLIAM 4037 ST DOMINIQUE MONTREAL QUE	B ENG 2
KOWALUK ALEXANDER B 5232 GLOBERT ST MONTREAL QUE	B ARCH 2 HU 8 3666
KOZIAR APPOLENARIE O 220 ELM AVE WESTMT GREAT DEER SASK	D D S 4 WE 1888
KOZIAR EDWIN LEONID GREAT DEER SASK	D D S 4
KOZINN HAROLD ARNOLD DOUGLAS HALL 615 LEFFERTS AVE BROOKLYN 3 N Y US A	MD CM 2
KOZLOWSKI JOSEPH JOHN 325 2ND AVENUE VERDUN QUE	B ENG MCH 5 YO 7285
KRAKOW HYMAN LEON 761 STUART AVE OUTREMONT QUE	B ARCH 3 VI 6970

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KRAMER EVA 4970 HINGSTON AVE MONTREAL QUE	PHYSIOTH 3 DE 6517
KRANCK ELISABETH MARIA HUDSON HEIGHTS QUE	B SC 3
KRANCK SVANTE HAKAN HUDSON HEIGHTS QUE	B SC 4
KRAULIS ALVIS 1045 ST VIATEUR AVE APT 14 MONTREAL QUE	B ENG MCH 5 VI 4414
KRAUSER WEBB GUY 3045 GLENCOE AVE MONTREAL QUE	MED DIPL 2
KRAVCHUK MANIA ROYAL VICTORIA COLLEGE 1735 HICKORY RD WINDSOR ONT	PHYSIOTH 1
KRAVETZ DOV 541 LANSDOWNE AVE MTL 367 STEWART ST OTTAWA ONT	B C L 1 GL 2156
KRAVITZ ANNIE RUTH MACDONALD COLLEGE 4845 ST URBAIN ST MONTREAL QUE	TCH ELEM 1
KRAVITZ HENRY 4801 CTE ST CATHERINE RD APT 11 MONTREAL QUE	MED DIPL 3 EX 8021
KRAVITZ LEO 4845 ST URBAIN ST MONTREAL QUE	B C L 1 BE 1204
KRAWCHUK THEODORE 3500 UNIVERSITY ST MTL 402 GARLIES ST WINNIPEG MAN	D D S 4 MA 9680
KRUGER EARL 2100 VAN HORNE AVE APT 14 MONTREAL QUE	B C L 1 EX 0729
KRUKAR MILAN 67 VERCHERES ST MONTREAL 18 QUE	B ENG 2 LA 7613
KRUPAT LOUIS 5565 CLARK ST MONTREAL QUE	B SC 1 VI 2638
KRUSE JOAN GLADYS MACDONALD COLLEGE GASPE QUE	B SC H EC 1
KUBINA STANLEY JAMES 7539 WISEMAN AVE MONTREAL QUE	M ENG 3 GR 3625
KUBINSKI ZBIGNIEW T 2389 BELANGER ST MONTREAL QUE	MED DIPL 2 DO 7862
KUBOW BRONISLAW BENNY 2554 MONTGOMERY ST MONTREAL QUE	B ENG EL 3
KUDLAK EDWARD BENJAMIN 152 CONNAUGHT AVE VILLE ST LAURENT QUE	PARTIAL BY 7827
KUJAN DONALD 1480 CITY HALL ST MONTREAL 18 QUE	B C L 2 PL 6729
KULA MORRIS 5497 TRANS ISLAND AVE MONTREAL QUE	B ARCH 6 EL 9752
KUMAMOTO YURIKA 7198 PAPINEAU AVE MONTREAL QUE	M SC 2 GR 5076
KUNCE GANA ANN R V C P O BOX 383 KAPUSKASING ONT	B SC P ED 1 MA 0030
KURLENTS ERIKA MARIA 4616 MACKENZIE AVE MONTREAL QUE	PARTIAL AT 1866
KURLENTS HILLAR 4516 MACKENZIE AVE MONTREAL 26 QUE	B ENG 2 AT 1866
KURZON GEORGE MULDON 3851 UNIVERSITY ST MTL 75 NO MAIN ST UNBRIDGE MASS U S A	MD CM 2
KUSHNER ARNOLD GRAHAM 254 DECARIE BLVD VILLE ST LAURENT QUE	MD CM 3 BY 7941
KUSHNER EVA MILADA RUTH 475 MILTON ST MONTREAL QUE	PH D 3 LA 8663
KUSHNER JERRY 5985 MACDONALD AVE MONTREAL QUE	B SC P ED 1 EX 8808
KUSHNER SELMA LOUISE 4790 MERIDAN AVE MONTREAL QUE	B A 2 EL 5602
KUSIK KATHERINE E R V C 1934 YPRES BLVD WINDSOR ONT	PHYSIOTH 2
KUSSNER MARILYN ANN 4830 CEDAR CRESCENT MONTREAL QUE	B A 1
KUWAYTI KAMAL OTTAWA CIVIC HOSPITAL OTTAWA ONT	MED DIPL 1
KUZMAK JOSEPH MILTON 1433 BISHOP ST APT 8A MONTREAL QUE	PH D 4
KYCIA THEODORE FRANK 7001 A CHALOT ST MONTREAL QUE	B SC 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LAATUNEN GUNNAR POJU 629 QUERBES AVE OUTREMONT QUE	B COM 4 TA 3634
LABENEK JOE 11651 VICTORIA AVE POINTE AUX TREMBLES QUE	B COM 3 MI5 4304
LABERGE JACQUES JEAN J 805 DESMARCHAIS BLVD VERDUN QUE	B ENG 1 PO6 2273
LABERGE PETER JOSEPH 9055 BERRI ST APT 1 MONTREAL QUE	B ENG 2 DU 4616
LABERGE ROBERT MACDONALD COLLEGE 80 DRINKWATER ST SUDBURY ONT	B SC AGR 2
LABRECQUE LEO LOUIS 3604 ONTARIO ST E MTL 192 STE ANNE ST JOLIETTE QUE	B ENG 1
LACASSE ARMAND L MACDONALD COLLEGE NOTRE DAME DU NORD QUE	B SC AGR 4
LACEY RICHARD 4010 COTE ST CATHERINE APT 11 MONTREAL QUE	B ENG MCH 5 EX 6379
LACHANCE PAUL ROGER MACDONALD COLLEGE 32 CLIFF AVE QUEBEC CITY QUE	B SC AGR 4
LACHAPELLE GASTON R 1495 ST JOSEPH BLVD E MONTREAL QUE	B COM 1 CH 4606

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LACHOWIEZ ROBERT MICHAEZ 550 MILTON ST MTL 40 FERRY ST SYDNEY N S	B ARCH 4 LA 7002
LACKEY ARTHUR A 190 PINE ST W APT 24 MONTREAL QUE STANBRIDGE EAST QUE	MD CM 2 HA 2389
LACOMBE CLAUDE 10568 BERRI ST AHUNTSIC QUE	B ENG CIV 5 VE 5519
LACOMBE PIERRE G 10568 BERRI ST MONTREAL QUE	B ENG MI 4 VE 5519
LACOURSIERE PIERRE 426 SHERBROOKE ST W MTL 190 BONAVENTURE ST THREE RIVERS QUE	B ENG CIV 4 MA 1388
LADOUCEUR GILLES CHARLES 2189 BORDEAUX ST MONTREAL QUE	B ENG CIV 3 FA 9788
LAFAVE HUGH GORDON 3617 LORNE CRESCENT MTL 732 MAIN ST SASKATOON SASK	MD CM 4 BE 4717
LAFFOLEY JOHN RICHARD 796 LEXINGTON AVE WESTMOUNT QUE	B A 3 EL 4524
LAFFOLEY MARGARET ANN 3712 JEANNE MANCE ST MONTREAL QUE	M S W 1 PL 6926
LAFFOLEY RUTH ANN 805 UP BELMOUNT AVE WESTMOUNT QUE	PHYSIOTH 3 EL 1935
LAFKAS CONSTANTINE 6288 DEACON RD MTL IEROU LOCHOU 2 CASTELLA PIRAEUS GREECE	B ENG 2 AT 3625
LAFLECHE FRANCOIS RICHER 1469 DRUMMOND ST APT 45 MONTREAL QUE	MD CM 4 MA 5162
LA FLECHE JEAN JOSEPH R 1469 DRUMMOND ST MONTREAL QUE	B A 3 MA 5162
LAFOND PIERRE 5237 CLANRANALD AVE MONTREAL QUE	B ARCH 6 WA 3451
LAFONTAINE GUY 3737 HUTCHISON ST MTL 624 STE ANGELE ST THREE RIVERS QUE	B ENG 1
LAFOREST JOSEPH N P 3445 PAPINEAU ST APT 2 MONTREAL QUE	B ENG MCH 4 AM 7413
LAFRAMBOISE ANDRE CHARLE DOUGLAS HALL 197 WURTEMBURG ST OTTAWA ONT	B C L 3 PL 7880
LAGACE ALFRED FRANCIS 4397 DRAPER ST MTL 709 CENTRAL ST FRANKLIN N H U S A	MD CM 2 WA 7376
LAGENDYK PETER JOHN 365 41ST AVE LACHINE QUE	B ENG CIV 5 NE 5 1030
LAIDLAW BENJAMIN A 3508 UNIVERSITY ST MTL CARDSTON ALTA	B SC 3
LAIDLEY CHARLES WENDELL 56 SUNNYSIDE AVE WESTMOUNT QUE	B ENG 2 EL 6369
LAIDLEY KEITH MONSARRAT 56 SUNNYSIDE AVE WESTMOUNT QUE	B C L 1 EL 6369
LAIMON HAROLD 3617 LOREN CRESCENT MTL BOX 472 KAMSACK SASK	MD CM 4 BE 4717
LAINE MICHAEL DOUGLAS HALL 130 OLD FOREST HILL RD TORONTO ONT	B A 1 UN 6 0218
LAING AMELIA S ROYAL VICTORIA COLLEGE 328 JAMES ST E PRESCOTT ONT	B SC 4 MA 9181
LAING FRANCES 5510 BEAMINSTER PLACE MONTREAL QUE	B A 4 AT 6825
LAIRD JAMES T JR 1444 TOWER ST MTL 80 STATE ST MONTPELIER VT U S A	M S W 1
LAJDA MILOSH ALEXEY 3534 SHUTER ST MONTREAL QUE	B COM 4 MA 7147
LAKE DOUGLAS 1105 GOHIER ST VILLE ST LAURENT QUE	B ENG 1 BY 7440
LAKE SEYMOUR 125 MOUNT ROYAL AVE W APT 5 MONTREAL QUE	B ENG CIV 3 LA 1649
LALL ROSE SITA MACDONALD COLLEGE CHAGUANAS TRINIDAD B W I	HOMEMAKER 1
LALONDE ANDRE L R 6651 24TH AVE ROSEMOUNT QUE	B ENG 2 TU 6364
LALONDE ELIZABETH LOUISE 33 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B SC P ED 4 AT 2837
LAM PETER 1441 DRUMMOND ST MTL 6 KENNEDY TERRACE HONG KONG CHINA	B ENG CIV 3 MA 4171
LAMBERT KENTON CHICKER IN 2064 UNION AVE APT 6 MONTREAL QUE	MD CM 2 BE 2225
LAMBERT VICTOR JOSEPH A 4708 RIVARD ST MTL 41 HEMLOCK AVE SHAWINIGAN FALLS QUE	B ARCH 2 BE 6620
LAMBROU CHRISTOS JOHN 3608 OXENDEN AVE MTL 15 ANTILOCHOU ST ATHENS GREECE	B SC 2 PL 1305
LAMONT HELEN LORNA 5232 MOUNTAIN SIGHTS AVE MONTREAL QUE	B A 3 EL 7900
LAMONT JOHN GOFF MACDONALD COLLEGE MARGARET MANITOBA	B ENG MCH 5
LAMONTAGNE LEON JOSEPH 1735 CARTIER ST MACKAYVILLE QUE LISIEUX SASK	B C L 1
LAMONTAGNE PIERRE JEAN 548 PRINCE ARTHUR ST MONTREAL QUE ST FERDINAND QUE	B ENG 2 HA 7579
LAMONT HAVERS RONALD W 138 HAVEN AVE APT 24D NEW YORK 32 N Y U S A	MED DIPL 4
LAMPRECHT ELEANORA MRIA 1500 ST MATTHEW ST MONTREAL QUE	B A 3 GL 4944

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NAME ADDRESS	COURSE & YEAR TEL. NO.
INGELRELST CARMEN JOSIE 9975 HAMEL AVE MONTREAL QUE	B COM 2 DU 1052
INGLESON GORDON ALBERT 4505 PRINCE OF WALES N D G MONTREAL QUE	B ENG MCH 5 WA 2866
INGRAM DONALD ERNEST 110 DUBE AVE MONTREAL EAST 5 QUE	B ENG 2
INHABER JACK 4398 BEACONSFIELD ST MONTREAL QUE	B SC P ED 1
INNES MALCOLM JAMES 4101 WESTHILL AVE N D G MONTREAL QUE	B ENG 1 WA 2223
IOANNOU PAUL 538 PRINCE ARTHUR ST MONTREAL QUE	B A 2 BE 0552
IRVIN JAMES DICKENSON 16 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B COM 4 EX 1813
IRVINE NEIL MACDONALD COLLEGE FERGUS ONT	B SC AGR 1
IRVINE PATRICIA CAMILLEE ROYAL VICTORIA COLLEGE 623 13 ST SO LETHBRIDGE ALTA	PHYSIOTH 1 PL 0334
IRVING COLIN KIRKLAND 537 GROSVENOR AVE WESTMOUNT QUE	B A 2 WI 7226
IRVING PATRICIA BELLE MACDONALD COLLEGE ST ANICET CO HUNTINGDON QUE	AGR DIP 2
IRVING STANLEY HERBERT 583 NOTRE DAME ST ST LAMBERT QUE	B D 3 OR 1 8645
IRWIN ANNE ELIZABETH ROYAL VICTORIA COLLEGE STE 15 LINWOOD COURT WINNIPEG MAN	B A 4 PL 0034
IRWIN FREDERICK WILLIAM 461 STANSTEAD CRESENT MONTREAL 16 QUE	B ENG 1 AT 1571
IRWIN LORNE CAMPBELL 7926 BIRNAM AVE MTL NAUAN ONT	MD CM 3 CR 7409
IRWIN PETER JOHN 461 STANSTEAD TOWN OF MT ROYAL QUE	B ENG CH 3
ISA ZEGEM RICHARD 1554 STANLEY ST APT 48 MONTREAL P O BOX 84 CURACAO N A	B ENG CIV 5 LA 3623
ISANG ETIM UDO MACDONALD COLLEGE IBIBIO STATE COLLEGE IBOT EKPENE NIGERIA	B SC AGR 4
ISBISTER EARL GLEN 3485 MCTAVISH ST MTL 88 SUNNYSIDE AVE OTTAWA ONT	B SC 3 MA 0141
ISMAIL ABDELMONEIM 3407 PEEL ST MONTREAL QUE	LL M 1 LA 7468
ISMAIL FATHIA 3407 PEEL ST MONTREAL QUE	B C L 3 LA 7468
ISMAILY SAFAR ALI REGISTRAR MCGILL UNIVERS ISMAILI JAMAT KHANA KARIM PURA PESHAWAR CITY PAKISTAN	B ENG CIV 4

NAME ADDRESS	COURSE & YEAR TEL. NO.
ISOMURA SOICHI LUKE 4140 LINTON AVE APT 2 MONTREAL QUE	MD CM 2 EX 5857
ISSARIS NICHOLAS 3571 VENDOME AVE WESTMT 7 SPETSOPOULAS ST ATHENS GREECE	B ENG 2 DE 3383
ITO MAKOTO 17 MELBOURNE AVE WESTMOUNT QUE	B ENG 1 FI 7744
IVERSEN JOYCE JANNET ROYAL VICTORIA COLLEGE BOX 2 ESPLANOLA ONT	B A 3 MA 0858
IVERSEN PAUL J DOUGLAS HALL 8 SPRUCE AVE ESPANOLA ONT	MD CM 3 BE 8835
IWANCIW HELEN MACDONALD COLLEGE 851 DUNLEVIE AVE OTTAWA ONT	B SC H EC 2
IZENBERG SHEILA 4912 MELROSE AVE N D G MONTREAL QUE	B A 1 DE 8160

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JABLONSKI WERNER LOUIS 3609 UNIVERSITY ST MTL 2 MOORLAND TEE LEEDS 2 ENGLAND	PH D 4 LA 6307
JACK EILEEN LESLIE MACDONALD COLLEGE 5 BELMONT RE GOSSRDS PO JAMAICA B W I	B SC H EC 3
JACKSON DONALD STANLEY 1491 BISHOP ST MONTREAL QUE	PH D 3 BE 5367
JACKSON GARTH DIGBY 3485 MCTAVISH AVE MTL 525 HATLEY ST MAGOG QUE	M SC 2 MA 0141
JACKSON HOWARD AUSTIN 4888 GROSVENOR AVE N D G MONTREAL QUE	B ENG 2 EL 9542
JACKSON JANET EDGEWORTH LA VIEILLE FERME ILE BIZARD QUE	B A 1
JACKSON JOHN DAVID DOUGLAS HALL 135 ALWOODLEY LANE LEEDS ENGLAND	B A 1
JACKSON LAWRENCE DONALD 76 LAZARD AVE TOWN OF MT ROYAL QUE	B ENG MCH 5 AT 4476
JACKSON LEO STERLING 247 OUTREMONT AVE OUTREMONT QUE	B ENG EL 4 CA 4592
JACKSON SHIRLEY MAY MACDONALD COLLEGE R R 1 LACHUTE QUE	TCH INT 1
JACOBS BARBARA PAULINE 4328 SHERBROOKE ST W MONTREAL QUE	B A 3 WI 0682
JACOBS DAVID MICHAEL 420 LANSDOWNE AVE WESTMOUNT QUE	B COM 3 GI 1389
JACOBS ROSS DOUGALL B 573 FORTUNE ST MONTREAL QUE	PH D 3
JACOBSEN PER JOHN 204 WOOD AVE WESTMOUNT QUE	B ENG CH 4 WE 6031

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JACOBSON MYRON JULIUS 3431 DRUMMOND ST MTL 21 SPENCER AVE LYNBROOK N Y U S A	B SC 3 MA 0243
JAEGGIN RONALD PAUL 3829 GIROUARD AVE MONTREAL 28 QUE	B ENG 1 EL 7105
JAKOBSON GUNNAR JOHN A WILSON HALL 5 MILBANKE ST ST JOHNS NFLD	B ENG CIV 4
JAMES CLARENCE ELDRIDGE 3474 MCTAVISH ST MTL POND HILL PEMBROKE EAST BERMUDA	MD CM 1 PL 0922
JAMES SANDRA ELLEN ROYAL VICTORIA COLLEGE AIR DEFENSE COMMAND ST HUBERT QUE	B SC 3 PL 0477
JAMMER LOUIS ALEXANDER 3870 NORTHCLIFFE AVE MONTREAL QUE	M SC 1 HU 8 7924
JAMMER MARILYN REYNOLDS 3870 NORTHCLIFFE AVE MONTREAL QUE	M SC 1 HU 8 7924
JANE DOROTHY KATHERINE 6 HOLMDALE RD HAMPSTEAD QUE	B A 2 DE 8647
JANSSEN WERNER ALFRED 325 TASSE ST VILLE ST LAURENT QUE	MD CM 2 RI 4 2609
JAQUES MAURICE FREDERIC 4764 ROSLYN AVE MONTREAL QUE	PARTIAL 0 EL 2913
JARDINE THELMA ROSE 12 OLDFIELD ST APT 5 MTL VALLEY RIVER MAN	B L S 1 WI 8377
JARED JOHN CHARLES RESIDENT MANAGER LAKEVIEW CEMETERY POINTE CLAIRE QUE	B SC 1
JARJOUR EDWARD GORDON 7346 ST DENIS ST MTL 396 WATERLOO ST WINNIPEG MAN	D D S 4 TA 7129
JARVIS ADERY ANN ISABEL ROYAL VICTORIA COLLEGE EAST LAWN ST CLAIRSVILLE OHIO U S	B A 4 PL 0180
JARVIS SUSAN MACDONALD COLLEGE 525 KENWOOD AVE OTTAWA ONT	B SC H EC 4
JASON HILLIARD KALMAN 480 TRENTON AVE TOWN OF MT ROYAL QUE	B SC 4 EX 0828
JASON MARVIN WILLIAM 5139 NOTRE DAME DE GRACE MONTREAL QUE	B ENG MCH 5
JAVET ERNEST AUGUSTE 7941 RAOUL AVE MONTREAL QUE	B C L 3 DU 4107
JAVID MANSOUR 2135 DORCHESTER ST W MTL 401 PARK PLACE FORT LEE N J USA	PH D 3 WE 5805
JAY MARVIN EDWARD 4586 HARVARD AVE NDG MONTREAL QUE	PARTIAL 0 EL 0637
JEDEIKIN LEON 3803 THE BOULEVARD WESTMOUNT QUE	B A 1 WA 9579
JEDRYCHOWSKI JOHN WACLAW 7721 FIRST AVE VILLE ST MICHEL QUE	B ENG 1
JEHU ROBERT GEORGE 225 32 AVE LACHINE QUE	B SC 1 NE5 1087w
JENKINS JOHN ROBERT DOUGLAS HALL C O MRS F M TRASLER 1122 LAIRD BLVD TOWN OF MT ROYAL QUE	B COM 1
JENKINS JOHN TREVOR 5843 7TH AVE ROSEMOUNT QUE	B SC 4 AM 8331
JENNINGS JAMES OWEN P 6060 HUTCHISON ST MTL SHEENBORD QUE	B ENG 2 DO 7526
JENNINGS KENNETH HUGH 3466 MCTAVISH ST MTL BATHURST N B	MD CM 3 LA 9533
JENSEN JOSEPH EDGAR JR DOUGLAS HALL 94 FREMONT PL LOS ANGELES 5 CAL U S A	MD CM 2
JENSEN RICHARD EUGENE 1472 BISHOP ST MTL 425 29TH AVE N W CALGARY ALBERTA	PH D 2 LA 1311
JENSEN WALTER MERTON JR 3511 UNIVERSITY ST MTL 6 COVENTRY RD WORCESTER MASS U S A	B SC 3 MA 7527
JEPHCOTT JAMES ROBERT MACDONALD COLLEGE P O BOX 146 HUDSON QUE	B SC AGR 2
JEPSEN BENTE SIGRID 11366 ST GERMAIN BLVD CARTIERVILLE QUE	B A 3 BY 1980
JESSURUN CARDOZO SAMUEL 1310 PINE AVE WEST MTL SCHARLOOWEG 62 WILLEMSTAD CARAGAO NETH WEST INDIES	B SC 4 BE 0334
JIMENEZ RICARDO C 5238 QUEEN MARY RD APT 3 MONTREAL SAN SALVADOR EL SALVADOR	PARTIAL 0
JOHNS DAVID GARRETT Y M C A 1441 DRUMMOND ST MONTREAL 2969 WEST 21ST ST VANCOUVER B C	B SC 3
JOHNS JAN HAMISH MACDONALD COLLEGE 1A DE JULIO 907 MONTEVIDEO URUGUAY	AGR DIP 2
JOHNSON CHARLES ANTONY 621 PRINCE ARTHUR ST MTL RHONDA WORTHING BARBADOS B W I	MD CM 3 MA 0856
JOHNSON DOREEN ELEANOR ROYAL VICTORIA COLLEGE 158 ACACIA AVE ROCKCLIFFE PARK OTTAWA 2 ONT	B SC 2 UN 60206
JOHNSON ELEANOR GERTRUDE 80 HUDSON AVE TOWN OF MT ROYAL QUE	GR N CERT 1 AT 4566
JOHNSON FRANCES EMMA JNE MACDONALD COLLEGE UPPER STEWIACKE COL CO N S	B SC AGR 3
JOHNSON JOHN PETER 883 ST ROCH ST MONTREAL QUE	B COM 3 CA 4419
JOHNSON MAUREEN EVELYN MACDONALD COLLEGE ELLANGOWAN ST JOSEPH BARBADOS B W I	B SC H EC 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JOHNSTON AGNES TENNANT 3458 PEEL ST MONTREAL QUE	M S W 0 LA 0360
1604 PINE AVE WEST MONTREAL QUE	FI 4985
JOHNSTON ALBERT CHARLES 4831 ISABELLA AVE MTL 377 MILTON ST NANAIMO B C	MD CM 4 AT 7727
JOHNSSTON CAROLYN ANN N MACDONALD COLLEGE 209 SUNNYSIDE AVE OTTAWA ONT	B SC H EC 1
JOHNSTON DAVID IAN 3126 MAPLEWOOD AVE APT 3 MONTREAL QUE	B A 4 AT 2876
JOHNSTON DOROTHY HELENA MACDONALD COLLEGE 830 EGAN AVE VERDUN QUE	TCH INT 1
JOHNSTON EVERETT HERD 523 PINE AVE WEST MONTREAL QUE	MD CM 4 LA 9364
JOHNSTON FRANCES LOUISE 818 CANORA RD TOWN OF MT ROYAL QUE	B SC 4
JOHNSTON JAN ELIZABETH ROYAL VICTORIA COLLEGE CEDAR SWAMP RD GLEN HEAD NEW YORK U S A	B A 1
JOHNSTON JOHN ALEXANDER 3485 MCTAVISH ST MTL 45 EUCLID AVE WATERLOO ONT	PH D 3 PL 5754
JOHNSTON LIN LLOYD 818 CANORA TOWN OF MT ROYAL QUE	B ENG 2
JOHNSTON M CARLYLE 806 UPPER LANSDOWNE AVE WESTMOUNT QUE	B C L 3 EL 1564
JOHNSTON NORAH AGNES ROYAL VICTORIA COLLEGE 44 MARKET ST GANANOQUE ONT	B A 1 PL 0597
JOHNSTON ORVILLE MURRAY MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
JOHNSTON TUDOR WYATT 4048 GAGNE RD MONTREAL QUE	B ENG PHY 5 FI 6169
JOHNSTON WILDA JUNE MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC H EC 4
JOHNSTONE JOAN ELAINE ROYAL VICTORIA COLLEGE 2 BINNEY ST HALIFAX N S	B SC P ED 2
JOLIN CLAUDE 244 SHERBROOKE ST E MTL BOX 305 AMOS ABITIBI QUE	B ENG 1 MA 8138
JOLY MADELEINE 1120 BERNARD ST APT 34 MONTREAL QUE	B A 3 DO 7172
JONAS JOHN JOSEPH 495 PRINCE ARTHUR ST APT 22 MONTREAL QUE	B ENG MET 4 LA 9923
JONAS LESLIE KING 495 PRINCE ARTHUR ST W MONTREAL QUE	B SC 1 LA 9923
JONAS NEIL 4660 WEST BROADWAY ST N D G MONTREAL QUE	B ENG 1 EL 6348
JONES ALUN RICHARD 3791 MARLOWE AVE MTL THE OLD HALL SOMERTON SOMERSET ENGLAND	M SC 1 EL 4262
JONES ARNOLD ROBERT 1311 PINE AVE W MTL GRAND FORKS B C	MD CM 4 LA 9176
JONES ELIZABETH MARY 449 CLARKE AVE WESTMOUNT QUE	B A 2 WI 9295
JONES ELOISE ELIZABETH 3562 HUTCHISON ST MTL 3 GRAFTON RD KINGSTON JAMAICA B W I	MD CM 1 BE 9656
JONES ESTHER MACDONALD COLLEGE 7923 DE L EPEE AVE MONTREAL QUE	TCH ELEM 1
JONES EVAN HURLEY 3489 STANLEY ST APT 102 MONTREAL QUE	D D S 4 HA 6309
JONES FRANCIS BRUCE MACDONALD COLLEGE 1 KINDERSLEY AVE TOWN OF MT ROYAL	B SC AGR 3
JONES GRETA LORAINE ROYAL VICTORIA COLLEGE NORTH WINDS PEMBROKE E BERMUDA	B A 2 PL 0327
JONES JAMES KENDALL MACDONALD COLLEGE 49 CANTERBURY RD NEWTON HIGHLANDS 61 MASS U S A	MD CM 1
JONES JEAN MCEACHRAN 269 HARVARD ST CAMBRIDGE MASS USA	M S W 2
JONES JENNIFER MACDONALD COLLEGE HOMEWOOD FARN PRESCOTT ONT	B SC AGR 2
JONES JOHN COFIE 3417 SHUTER ST MTL PRESBYTERIAN MISSION BOX 3 WURUPONG NKONYA GOLD COAST WEST AFRICA	B SC 3 MA 0973
JONES MARGARET GLADYS 185 HEBERT ST VILLE ST LAURENT QUE	GR N CERT 1 BY 1540
JONES MICHAEL JOSEPH M MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 2
JONES ROBERT CODE 3775 UNIVERSITY ST MTL 801 MANAWAGONISH RD FAIRVILLE N B	MD CM 4 PL 1251
JONES RONALD 10632 GRANDE ALLEE MONTREAL 12 QUE	B A 2 DU 4674
JONES WILLIAM MERIDETH 4R44 WILSON AVE N D G MONTREAL QUE	MD CM 3 EL 5423
JOOS IRMA 7722 WISEMAN AVE MONTREAL QUE	M A 1 DO 8751
JORDAN ROBERT HENRY 3445 PEEL ST MONTREAL QUE	B ENG COM 5 HA 9462
JORGENSEN HALDIS BRYN 4131 COTE DES NEIGES RD MONTREAL QUE	B A 4 WI 3826
JOSEPH HAROLD ROWAN 205 EDGEHILL RD WESTMOUNT QUE	B COM 2 EL 1026
JOSS DONALD GREENLEAF 4159 HARVARD AVE MTL 243 BLEECKER AVE BELLEVILLE ONT	B COM 4 DE 1079

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
JOWSEY JAMES RALPH DOM EXPERIMENTAL STATION SWIFT CURRENT SASK SALTCOATS SASK	PH D 5
JOYAL MAURICE WILFRED 538 PRINCE ARTHUR W MTL 1 BROAD ST CLAREMONT N H U S A	B ENG EL 4 BE 0552
JUBIEN ROBERT WALTER 150 VIVIAN AVE MONTREAL 16 QUE	B SC 1 AT 1357
JUMIS FRANCIS 5020 BESSBOROUGH AVE MONTREAL QUE	B ENG CIV 3 DE 3841
JUBIEN WILLIAM ERNEST 150 VIVIAN AVE TOWN OF MT ROYAL QUE	B ENG CIV 4 AT 1357
JUBY MALCOLM CARL MACDONALD COLLEGE AUSTIN QUE	B SC AGR 3
JUDGE PATRICK RUSSELL 3474 UNIVERSITY AVE MTL 4845 VERDUN AVE VERDUN QUE	B D 1 MA 4902
JUDSON CHARLES 4918 FULTON AVE MONTREAL QUE	B ENG 1 EX 1254
JUDSON GRAHAM 3791 MARLOWE AVE MTL 308 WATERLOO ST WINNIPEG MAN	MD CM 1 EL 4262
JUE DONALD WARREN 3573 PARK AVENUE MONTREAL 18 QUE	B ENG CIV 3 HA 8036
JULIEN GUY J C 7547 DE NORMANVILLE MONTREAL QUE	B ENG COM 5
JURICEK EDWARD 2300 HARVARD AVE MONTREAL QUE	PARTIAL 0 WA 3929

K

KAHN ASHER 1829 NORTH AVE MONTREAL QUE	B A 3 EX 7090
KAHN BERTRAM 3610 DUROCHER ST MTL 131 BLAKE AVE BROOKLYN 12 N Y U S A	B SC 1 PL 1627
KAHN GITA 2658 SOISSONS AVE MONTREAL QUE	B COM 2 AT 1887
KAHN MIRIAM NAOMI 5672 MONKLAND AVE MTL 66 LURA ST LOWELL MASS U S A	B A 3 DE 8921
KALANT NORMAN 3610 LORNE CRESCENT MONTREAL QUE	PH D 2 PL 4610
KALFUSS LEONARD 788 DAVAAR AVE OUTREMONT QUE	B SC 1 CA 6157
KALINSKY STANLEY 1125 LAJOIE AVE APT 6 MONTREAL QUE	B A 1 DO 7056
KALL RALF 5575 BEAUCOURT ST APT 9 MONTREAL QUE	B ENG MI 3
KALLES EUDICE 4629 PARK AVE MONTREAL QUE	B A 1 LA 8820
KALLOS TIBERE 3515 SHUTER ST MONTREAL QUE	M C L 1 MA 8411
KALTER HAROLD 3780 ST CATHERINE RD MONTREAL QUE	PH D 3 AT 6263
KANEB MARILYN ILLEANA ROYAL VICTORIA COLLEGE 136 FOURTH ST W CORNWALL ONT	B A 2
KANTOR ELEANOR 671 QUERBES AVE MONTREAL QUE	M S W 1 DO 0697
KANTTI HARRY 1543 ST ANTOINE ST MONTREAL QUE	B ENG 1 FI 5643
KAPICA LUCIA 1380 OUIMET ST APT 27 MONTREAL QUE	M SC 1 BY 5481
KAPLANSKY ELCA 74 COBURG ROAD HALIFAX NOVA SCOTIA 201 DOUGLAS AVE SAINT JOHN N B	M PS SC 2
KAPOROVSKY MORRIS 6284 DE VIMY AVE MONTREAL QUE	B COM 1 AT 0742
KAPUSTA MORTON ALLAN 4615 MICHEL BIBAUD ST MONTREAL QUE	B SC 2 EX 4829
KAPUSTA RONALD 4615 MICHEL BIBAUD ST MONTREAL QUE	B A 1 EX 4829
KARDASH ANNA 6671 IBERVILLE ST ROSEMOUNT QUE	TCH KIND 1 TA 9515
KARNUPE MARA EDITH 4313 MONTROSE AVE WESTMOUNT 268 FIRST AVE TTAWA ONT	B L S 1 WI 2628
KARP DOROTHY 74 PRINCE ARTHUR ST MONTREAL QUE	PH D 4 HA 9862
KARPISHKA IRENE SOPHIE 823 WILLIBRORD AVE VERDUN QUE	B SC 2 YO 2470
KARTNER MARY 1440 CRESCENT ST APT 5 MONTREAL 862 RAILWAY AVE R R 1 STEVESTON B C	GR N CERT 1 PL 4513
KASHKET SHELBY 4831 ST URBAIN ST MONTREAL QUE	M SC 1 HA 8487
KASIRER PAUL 3495 VENDOME AVE N D G MONTREAL QUE	B A 3 DE 2369
KASMAN SIDNEY 2070 UNION AVE APT 14 MT 33 CLASSIC AVE TORONTO ONT	PH D 2
KASNER MARTIN 671 CHAMPAGNEUR AVE MONTREAL 8 QUE	B SC 2 CA 7262
KASPER GERALD GUY 2239 GIROUARD AVE N D G MONTREAL QUE	B COM 3 EL 5460
KATRUSIAK JOSEPH MYRON 1180 DRUMMOND ST APT 23 MONTREAL 304 QUEEN ST SASKATOON SASK	B ENG CIV 3 UN6 9003
KATSOS PETER 876 HARTLAND AVE OUTREMONT QUE	B ENG 1 AT 0894

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KATZ ALLEN RONALD 4269 ST URBAIN ST APT 3 MONTREAL QUE	B ENG PHY 3 HA 7049
KATZ BERNICE MACDONALD COLLEGE 5994 WAVERLEY MONTREAL QUE	TCH ELEM 1
KAUFMAN FRED 2209 WILSON AVE MONTREAL 28 QUE	B C L 2 DE 4995
KAUFMAN NETTIE MACDONALD COLLEGE 4664 VAN HORNE AVE MONTREAL QUE	TCH ELEM 1
KAUFMANN EDWIN DONALD 419 PRINCE ARTHUR W MTL 215 BEEKMAN ST SARATOGA SPRINGS N Y U S A	MD CM 2 HA 1088
KAUNAT GERHARD ERIC 2223 MARCIL AVE MONTREAL QUE	B ENG EL 4 DE 2201
KAVADAS ALEXANDER 2940 BARCLAY AVE APT 17 MONTREAL QUE 46 GIFFORD DRIVE WORCESTER MASS USA	PARTIAL RE3 1790
KAWAI SHOW AKIRA 7121 10TH AVE ST MICHEL MONTREAL QUE	B ENG 2 DO 7867
KAWAI SHOW AKIRA 7121 10TH AVE ST MICHEL MONTREAL QUE	B ENG 2 DO 7867
KAY STUART ANDREW 3320 COTE STE CATHERINE MONTREAL QUE 203 ELK AVE NEW ROCHELLE N Y U S A	MD CM 4 EX 0283
KAYE CARL EDWARD 898 AVENUE RD TORONTO 12 ONT	B SC 2
KEAN DORIS MAE MACDONALD COLLEGE 194 ROSEBERRY ST CAMPBELLTON N B	HOMEMAKER 1
KEDDIS ERNA MTL GENERAL HOSPITAL WEST DIV MONTREAL QUE	MED DIPL 2 WI 3121
KEEB DIANA 5240 DALOU MONTREAL QUE	B A 3 WA 7889
KEENAN DANIEL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
KEENAN PATRICK JOHN 4569 WILSON AVE N D G MONTREAL QUE	B COM 3 HU 8 3045
KEEVER EDWARD DUDLEY 546 MILTON ST MTL 21 CLOVE RD NEW ROCHELLE N Y U S A	MD CM 4 MA 3725
KEHOE MAURICE KEVIN 4940 PRINCE OF WALES AVE MONTREAL 28 QUE	B ENG EL 4 WA 9248
KEIRSTEAD MARION E MACDONALD COLLEGE 4096 MARLOWE AVE MONTREAL QUE	TCH ELEM 1
KEIRSTEAD MARJORIE S 2140 GREY AVE APT 2 N D G MONTREAL QUE	M A 2 WA 5462
KEKES ZOLTAN PETER 1549 MACKAY ST MTL HOTEL HABANA CIVDAD TRUJILLO DOM REPU	B ENG 2 BE 0559
KELEN ERICA FRANCES 1540 SUMMERHILL AVE MONTREAL QUE	B SC 2 WE 7120
KELIHER THOMAS LAWRENCE 475 PINE AVE MTL 110 DALY AVE OTTAWA ONT	B SC P ED 4
KELLAND JOHN DAVID 37 CURZON AVE MONTREAL QUE	B ENG 1 EL 7459
KELLER EDWARD 5401 COTE ST LUC RD MONTREAL QUE	B ENG 2 WA 5339
KELLER EDWARD SULLIVAN 180 MORRISON AVE TOWN OF MT ROYAL QUE 122 E 21ST ST LORAIN OHIO U S A	MD CM 2 AT 0417
KELLER ELLA LORRAINE 1923 DORCHESTER ST W MTL CARMEL SASK	B L S 1 WE 4856
KELLEY BRIAN SCOTT 4127 WILSON AVE N D G MONTREAL QUE	EDUCATION 5 DE 0108
KELLNOR FARLA BARBARA 5235 COTE ST LUC RD APT 2 MONTREAL QUE	B A 2 EL 3672
KELLY ARTHUR JOHN 490 FOURTH AVE VERDUN QUE	B C L 3 YO 6670
KELLY BASIL WILLIAM MACDONALD COLLEGE HUNTINGDON QUEBEC	AGR DIP 1
KELLY BEATRICE ROYAL VICTORIA COLLEGE 35 56 79 ST JACKSON HEIGHTS 72 NEW YORK U S A	B A 2 PL 0829
KELLY JANET DOREEN 80 HIGHFIELD AVE TOWN OF MT ROYAL QUE	TCH INT 2 AT 3354
KELLY JOHN JOSEPH 645 PRINCE ARTHUR ST APT 13 MONTREAL QUE	MD CM 4 MA 6621
KELLY LAWRENCE EARL MACDONALD COLLEGE 3805 30TH AVE VERNON B C	D D S 3
KELLY MAURICE VEVMON 2023 MARLOWE AVE APT 5 N D G MONTREAL QUE	M S W 1 HU 8 6877
KELLY WILLIAM FRANCIS 3485 MCTAVISH ST MTL 2336 ROBINSON ST REGINA SASK	B ARCH 5 MA 0141
KELTY EDWARD JOHN 1300 REDPATH CRES MTL 51 WEST BLVD E ROCKAWAY NEW YORK USA	M PS SC 1 HA 4631
KENDALL ALAN GORDON SHRINERS HOSP CEDAR AVE MONTREAL QUE	MD CM 3 PL 4464
KENNEDY DAVID HOWARD WILSON HALL 275 SPRINGFIELD RD ROCKCLIFFE OTTAWA ONT	M ENG 1 PL 0254
KENNEDY EDITH MARY ROYAL VICTORIA COLLEGE 275 SPRINGFIELD RD ROCKCLIFFE PARK OTTAWA 2 ONT	B SC 2 PL 0598
KENNEDY HERMAN ARTHUR 1330 JEAN TALON E MONTREAL QUE	B ENG MCH 3 GR 1160
KENNEDY JAMES THOMAS 574 VICTORIA AVE WESTMOUNT QUE	B C L 1 WA 3677

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KENNEDY JOHN DENNIS L DOUGLAS HALL CARNDUFF SASK	D D S 3 PL 7880
KENNEDY NAN VERNA 6 BELFRAGE RD WESTMOUNT QUE	PARTIAL WA 2423
KENNEDY WILLIAM SPANKIE WILSON HALL 36 BEATY AVE TORONTO 3 ONT	B ENG 2 PL 0026
KENNERLEY JOHN 6 CORNWALL AVE TOWN OF MT ROYAL QUE	B SC 1 RE3 1380
KENNEY GERARD ISAIE 32 A ST JUST ST MONTREAL QUE	B ENG EL 4 DO 9476
KENNEY THEODORE CAMERON 591 DESAULNIERS BLVD ST LAMBERT QUE	B ENG CIV 5 OR 1 8436
KENNING STUART GORDON DOUGLAS HALL 806 DEREEN PL VICTORIA B C	MD CM 1
KENNY BERT JAMES 109 BLENHEIM PLACE WESTM 358 ATHLONE AVE OTTAWA ONT	B ENG CIV 4
KENT JOHN DONALD BENNETT 760 44 AVE LACHINE QUE	B ENG 2 NE 5 0352
KENT LEONARD EDWARD 760 44 AVE LSCHINE QUE	D D S 2 NE 5 0352
KENT MAUREEN MACDONALD COLLEGE 5684 BANNANTYNE AVE VERDUN QUE	TCH INT 1
KEOGH RICHARD KEVIN 5421 HUTCHISON ST MTL 118 BROADVIEW AVE MONCTON N B	MD CM 1 DO 6302
KEON JOHN ARNOLD 3501 WALKLEY AVE MTL SHEENBORO QUE	B ENG MCH 5
KEPRON DONALD 3590 UNIVERSITY ST MTL 729 BURROWS AVE WINNIPEG MAN	D D S 3 MA 9680
KERENYI GABRIEL ROBERT 6125 COTE DES NEIGES RD MONTREAL QUE	B ENG PHY 4 RE 3 3836
KERN THERESA ROYAL VICTORIA COLLEGE 717 JOHNSON ST KINGSTON ONT	B ENG 1
KERR DAVID ROSS MACDONALD COLLEGE 29 WOODLAND AVE BEAUREPAIRE QUE	B SC AGR 2
KERR IRENE MARILYN MACDONALD COLLEGE R R 1 COOKSHIRE QUE	TCH ELEM 1
KERR JOHN WINSTON MACDONALD COLLEGE 36 MAPLE AVE STE ANNE DE BELLEVUE QUE	S T M 1
KERR WILLIAM RICHARD D 4412 ST CATHERINE ST WESTMOUNT QUE	B ENG CH 3 FI 5838
KERSTENETZKY ISAAC 65 SHERBROOKE ST MTL RUA SIEVEIRA MAOTINS 129 APT 208 RIO DE JANEIRO B	M A 1 MA 0433
KERSULIS ALGERDAS EDWARD 1007 VALIQUETTE AVE VERDUN QUE	B ENG 1 HE 1319
KERYCZYNSKI WALTER 7577 DELORIMIER AVE MONTREAL QUE	B ENG 1
KESSEL HECTOR JOSEPH WILSON HALL 2421 WEBB AVE APT 16 C BRONX 68 N Y U S A	B ENG CH 3
KESSLER IRVING ISAAK 4563 CLARK ST MONTREAL QUE	B ARCH 3 HA 1590
KESSLER RICHARD ELLIOTT 419 PRINCE ARTHUR AVE MT ANDOVER NEW YORK U S A	MD CM 1 HA 1088
KIAR PALLE 1487 MOUNTAIN ST APT 8 MONTREAL QUE	B SC 4
KIBIRKSTIS JUSTAS 2567 MONTGOMERY ST MONTREAL QUE	B ENG CIV 4
KIDD JEAN ELIZABETH 231 CARLYLE AVE TOWN OF MT ROYAL QUE	B A 4 AT 7324
KIERANS ERIC WILLIAM 4544 MAYFAIR AVE MONTREAL QUE	PH D 3 EL 3129
KIHM RUTH SIGRID 220 16TH AVE ST EUSTACHE QUE	B A 1 5204
KILLAM JUDITH GRACE 202 LAZARD AVE TOWN OF MT ROYAL QUE	B SC 1 AT 9146
KILLORAN DOROTHY IRENE MACDONALD COLLEGE 2 CELANESE SQUARE DRUMMONDVILLE QUE	B SC H EC 3
KILPATRICK DAVID GORDON 4078 HINGSTON AVE N D G MONTREAL QUE	B D 3 DE 7613
KIMBER MARGARET JOAN 3055 SHERBROOKE ST W APT 45 WESTMOUNT QUE	B A 1 WI 9585
KIMMEL ABRAHAM EARL 4708 JEANNE MANCE ST MONTREAL QUE	B C L 1 PL 6352
KIMURA AKIRA 2111 DELISLE ST MONTREAL QUE	D D S 2 WE 1489
KINDY DAGMAR 6287 2ND AVE ROSEMOUNT MTL QUE	B SC 1
KING ARNOLD DAVID C O KRONENBERG APT 1 806 STUART AVE MTL 331 SO MAIN AVE ALBANY N Y U S A	B SC 2 CR 4221
KING BARBARA FRANCIS ROYAL VICTORIA COLLEGE BOX 1500 VAL D OR QUE	B SC 3 PL 0265
KING ELIZABETH FRANCES 777 UPPER BELMONT AVE WESTMOUNT QUE	B SC 1 EL 3996
KING GEORGE HECTOR DOUGLAS HALL 46 SOUTH DRIVE ST CATHERINE ONT	B ENG 2
KING HAMILTON DELISLE MACDONALD COLLEGE BRIDGETOWN BARBADOS B W I	M SC 1
KING HUGH LLOYD 293 LAFAYETTE AVE MONTREAL SOUTH QUE	B SC 4 OR 4 4512
KING JAMES BARRY 3466 MCTAVISH ST MTL 146 WINSLOW ST FREDERICTON N B	MD CM 3 LA 9533

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KING JOHN FERGUSON 3891 LINTON AVE APT 4 MONTREAL QUE	EDUCATION 5 Ex 7816
KING JOHN KENNETH 1474 FORT ST APT 3 MTL 146 WINSLOW ST FREDERICTON N B	MD CM 3
KINGMAN ABNER JR 1524 SUMMERHILL AVE MONTREAL QUE	MD CM 2 FI 1361
KINGSBURY DONALD M 2108 MAPLEWOOD AVE MONTREAL QUE	B SC 2 AT 3110
KINGSMILL DIANA PATRICIA 589 LANSDOWNE AVE MONTREAL QUE	B SC 4 HU 8 5327
KINGSTONE DANIEL 5936 DUROCHER AVE MONTREAL QUE	B A 4 GR 1019
KINGSTONE EDDIE 5936 DUROCHER AVE OUTREMONT QUE	MD CM 1 GR 1019
KINGSTONE REUBEN 4882 ST URBAIN ST MONTREAL QUE	B ENG PHY 4 CA 4776
KINNIS GLADYS CALVERT 1158 BEAVER HALL SQUARE MONTREAL QUE	M S W 2 UN 6 9138
KINSMAN LUCY ALMENA R 456 PINE AV W APT 28 MTL 28 WRIGHT ST SAINT JOHN N B	M S W 1 LA 9762
KINSMAN MICHAEL JON R 3511 UNIVERSITY ST MTL 1270 REGENT RD APT 16 MONTREAL QUE	B A 1 AT 4165
KIRBY JOHN CHARLES 1089 ST JOSEPH ST LACHINE QUE	S T M 1 NE5 0530
KIRKALDY JOHN SAMUEL 1180 DRUMMOND ST MTL TERRACE B C	PH D 3 PL 2475
KIRKER ELBRIDGE ALLISTER 1320 LOMBARD CRESCENT APT 17 TOWN OF MT ROYAL QUE	PARTIAL
KIRKLAND SHEILA GEORGINA 1699 GRAHAM BLVD APT 9 TOWN OF MT ROYAL QUE	PARTIAL
KIROVAC GERARD 15 ROUTHIER AVE QUEBEC QUE	B ENG MCH 5
KIRSCH EILEEN ROSALIND MACDONALD COLLEGE 3445 VENDOME AVE MONTREAL QUE	TCH INT 1
KIRSCH HELEN GITTLE 5447 JEANNE MANCE ST MONTREAL QUE	TCH INT 1 CA 1797
KIRSH DAVID MAXWELL 4840 MAPLEWOOD AVE MONTREAL QUE	B COM 4 EX 5438
KIRSHNBLATT DAVID 4544 HARVARD AVE MONTREAL QUE	B C L 2
KIRTON CECIL RALPH 3650 LORNE CRESCENT MONTREAL QUE	D D S 3 HA 9946
KIRTON JONATHAN GRENVILL 193 WOLSELEY AVE MONTREAL QUE	B ENG 1 DE 4033
KISHIMOTO MICHAEL TEBUO 633 UNDERHILL PLACE MTL 481 SHIRAKANE SANKODO SHIBA MINATOKA TOYKO JAPAN	B COM 2 MA 7874
KISSOON SIBERTIE ROYAL VICTORIA COLLEGE 7 LAMAHA ORONOQUE STS GEORGETOWN BR GUIANA	B SC 2 PL 0571
KLAMKA SUSAN 5308 PARK AVE MONTREAL QUE	EDUCATION 5 TA 6602
KLASSEN NORMAN VICTOR 4566 PATRICIA AVE N D G MONTREAL QUE	B SC 3 DE 6256
KLEE WILFRID EDGAR 149 NORMANDY DRIVE TOWN OF MT ROYAL	B ENG 1 RE 3 6630
KLEIN ARTHUR 6757 FIELDING MONTREAL QUE	B SC 4 EL 3693
KLEIN GEORGE MARVIN 654 MURRAY HILL WESTMOUNT QUE	B COM 3 EL 6251
KLEIN IDA 4642 ST URBAIN ST MONTREAL QUE	TCH KIND 1 PL 3349
KLEIN LOIS RUTH 3657 WESTMOUNT BLVD MONTREAL QUE	B A 4 DE 3363
KLEIN MITCHELL HARRIS 654 MURRAY HILL WESTMOUNT QUE	B COM 1 EL 6251
KLENIEWSKI CHRISTIAN M DOUGLAS HALL MTL	B ENG MCH 4
KLICIUS ALGIRDAS 1242 ARGYLE AVE VERDUN QUE	B ENG 1
KLIMAS ALECK 4370 ST DOMINIQUE ST MONTREAL QUE	B ENG 1
KLUGMAN MICHAEL ANTHONY 3422 STANLEY ST MONTREAL QUE	M SC 2
KLYM PETER 3225 BELLECHASSE ST MONTREAL QUE	EDUCATION 5 VI 0511
KNAFF PAUL ROBERT 5415 PARK AVE MTL 715 WEST 172 ST NEW YORK 32 N Y U S A	GRAD QUAL 1 DO 8431
KNAPP DOUGLAS MURRAY WILSON HALL 162 WESTMOUNT AVE TORONTO ONT	B COM 4
KNAPP RUSSELL FRANK MACDONALD COLLEGE 162 WESTMOUNT AVE TORONTO ONT	B SC AGR 4
KNIGHT HENRY STUART 21 STRATHMORE BLVD STRATHMORE QUE	B COM 2 ME1 1378
KNOLLYS DAVID FRANCIS MACDONALD COLLEGE BOLEBROKE HARTFIELD SUSSEX ENGLAND	AGR DIP 1
KNOWLES DAVID CLIFFORD 5221 WESTMORE AVE N D G MONTREAL QUE	B A 2 WA 9368
KNOWLES DOROTHY AILEEN 3789 WESTMOUNT BLVD MONTREAL 6 QUE	B L S 1 HU 8 6081
KNOX ALISON DOUGLAS ROYAL VICTORIA COLLEGE FARGO LANE IRVINGTON ON HUDSON NEW YORK U S A	B A 2 PL 0327
KNOX DOUGLAS EARLE 4325 MARIETTE AVE MONTREAL QUE	B ENG 2 HU 8 5479

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
KNUBLEY JOHN WALTER 4608 MARCIL AVE N D G MONTREAL QUE	B ENG 2 DE 1851
KOBAYASHI RONALD S 5991 BEURLING VERDUN QUE	B ARCH 2 PO 6 3205
KOBERNICK ELI DAVID 1503 DUCHARME AVE OUTREMONT QUE	B SC 4 CA 5291
KOCH GORDON MATTHIAS 690 VICTORIA AVE WESTMOUNT QUE	B ARCH 5 DE 4183
KOCHEN JOSEPH ABRAHAM 1222 LAJOIE AVE OUTREMONT QUE	PH D 1 VI 6476
KOCHEN SIMON BERNARD 1222 LAJOIE AVE OUTREMONT QUE	B SC 3 VI 6476
KODAK BARBARA 3936 CARLETON AVE MONTREAL QUE	B A 2 EX 0483
KOEHLE HANS 322 DESMARCHAIS BLVD VERDUN QUE	B ENG MCH 3 PO 6 4460
KOGUT ARTHUR 4600 CLARKE ST MONTREAL QUE	MUS B 1 LA 4601
KOHANYI GABRIEL 5348 DUROCHER ST MONTREAL QUE	PH D 2
KOHLMEYER WERNER ARTHUR 3610 LORNE CRESCENT APT 6 MONTREAL QUE	MED DIPL 2 LA 7038
KOKKINOS DIMITRIOS 170 SIMCOE AVE TOWN OF MT ROYAL QUE	B COM 1 EX 4409
KOLBER ERNEST LEO 3485 VAN HORNE AVE MONTREAL QUE	B C L 4 EX 5975
KOLISNYK ZEN 1012 JEAN TALON WEST MONTREAL QUE	B ENG MCH 3 DO 0603
KOLODNY MILDRED 4456 MAPLEWOOD AVE MONTREAL QUE	B A 4 DE 9181
KOLOMEIR SAMUEL 3874 MACKENZIE MONTREAL QUE	B C L 1 BE 3561
KOMAROFF JOSEPH GUSTAV 48 FINCHLEY RD MONTREAL QUE	B ENG 1
KON CHARLES 1817 NORTH AVE MONTREAL QUE	B COM 4 EX 7844
KONIGSBERG EMIL 735 QUERBES MONTREAL QUE	B ENG 1 GR 4419
KOPIN BROWNSTEIN RITA 5020 RIDGEVALE AVE MONTREAL QUE	M SC 2
KOPIN IRWIN JEROME 5020 RIDGEVALE AVE MTL 1104 CARROLL PLACE BRONX 56 N Y U S A	MD CM 2
KOPSTEIN ROGER JOSEPH 3610 DUROCHER ST APT 38 470 TWIN OAK RD SOUTH ORANGE N J U S A	B A 4 HA 1649
KOPTIE ALLAN WILSON HALL BURGIS SASK	B ENG 2
KOPVILLEM OLAF 1470 CHOMEDY ST APT t MONTREAL QUE	B SC 1
KORMAN DAVID SHELDON 4584 CIRCLE RD MONTREAL QUE	B COM 3 EL 2782
KORNACHUK ANATOLE PAUL 793 12TH AVENUE LACHINE QUE	B ENG CIV 4 NE5 5132W
KORNBLUTH HARVEY 973 HARTLAND AVE MONTREAL QUE	B ENG 1 RE 3 2697
KORNBLUTH ROSLYN 288 MCDOUGALL MONTREAL QUE	B A 2 DO 1857
KOSS BARBARA MALCA 863 CHAMPAGNEUR AVE OUTREMONT QUE	B SC 3 CR 6989
KOST ERIC GEORGE 79 KENASTON AVE TOWN OF MT ROYAL QUE	B ENG 1 AT 9676
KOSTINER ARNOLD LAWRENCE 3925 RIDGEVALE APT 3 MONTREAL QUE	B COM 2 EX 8939
KOTCH HELEN ROYAL VICTORIA COLLEGE 291 DUFFIELF ST WINNIPEG MAN	B SC 2
KOTLER JULIAN 445 DUFFERIN RD MONTREAL QUE	B A 3 EL 4614
KOTLER NATHANIEL MURRAY 5354 ST URBAIN ST MONTREAL QUE	B COM 2 CA 2167
KOURI PATRICIA HENTIETTA 538 PRINCE ARTHUR ST W MONTREAL MONTREAL PONTEIX SASK	GR N CERT 1 BE 0552
KOURI RONALD LOUIS 8376 BOYER ST MTL 412 NEWTON ST SHERBROOKE QUE	B ENG 1 VE 2670
KOVAL JOSEF APT 408 1455 DRUMMOND ST 316 CAMBRIDGE ST MEDICINE HAT ALTA	LL M 1 LA 7313
KOVALSKI VOYO 3432 DRUMMOND ST MONTREAL QUE	GRAD QUAL 1 LA 8835
KOWAL ROBERT FREDERICK 3474 MCTAVISH ST MTL 50 ROSEBURY TORONTO ONT	B ENG 1
KOWAL WALTER 354 ARGYLE AVE VERDUN QUE	D D S 2 HE 4863
KOWAL WILLIAM 4037 ST DOMINIQUE MONTREAL QUE	B ENG 2
KOWALUK ALEXANDER B 5232 GLOBERT ST MONTREAL QUE	B ARCH 2 HU 8 3666
KOZIAR APPOLENARIE O 220 ELM AVE WESTMT GREAT DEER SASK	D D S 4 WE 1888
KOZIAR EDWIN LEONID GREAT DEER SASK	D D S 4
KOZINN HAROLD ARNOLD DOUGLAS HALL 615 LEFFERTS AVE BROOKLYN 3 N Y US A	MD CM 2
KOZLOWSKI JOSEPH JOHN 325 2ND AVENUE VERDUN QUE	B ENG MCH 5 YO 7285
KRAKOW HYMAN LEON 761 STUART AVE OUTREMONT QUE	B ARCH 3 VI 6970

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KRAMER EVA 4970 HINGSTON AVE MONTREAL QUE	PHYSIOTH 3 DE 6517
KRANCK ELISABETH MARIA HUDSON HEIGHTS QUE	B SC 3
KRANCK SVANTE HAKAN HUDSON HEIGHTS QUE	B SC 4
KRAULIS ALVIS 1045 ST VIATEUR AVE APT 14 MONTREAL QUE	B ENG MCH 5 VI 4414
KRAUSER WEBB GUY 3045 GLENCOE AVE MONTREAL QUE	MED DIPL 2
KRAVCHUK MANIA ROYAL VICTORIA COLLEGE 1735 HICKORY RD WINDSOR ONT	PHYSIOTH 1
KRAVETZ DOV 541 LANSDOWNE AVE MTL 367 STEWART ST OTTAWA ONT	B C L 1 GL 2156
KRAVITZ ANNIE RUTH MACDONALD COLLEGE 4845 ST URBAIN ST MONTREAL QUE	TCH ELEM 1
KRAVITZ HENRY 4801 CTE ST CATHERINE RD APT 11 MONTREAL QUE	MED DIPL 3 EX 8021
KRAVITZ LEO 4845 ST URBAIN ST MONTREAL QUE	B C L 1 BE 1204
KRAWCHUK THEODORE 3590 UNIVERSITY ST MTL 402 GARLIES ST WINNIPEG MAN	D D S 4 MA 9680
KRUGER EARL 2100 VAN HORNE AVE APT 14 MONTREAL QUE	B C L 1 EX 0729
KRUKAR MILAN 67 VERCHERES ST MONTREAL 18 QUE	B ENG 2 LA 7613
KRUPAT LOUIS 5565 CLARK ST MONTREAL QUE	B SC 1 VI 2638
KRUSE JOAN GLADYS MACDONALD COLLEGE GASPE QUE	B SC H EC 1
KUBINA STANLEY JAMES 7539 WISEMAN AVE MONTREAL QUE	M ENG 3 GR 3625
KUBINSKI ZBIGNIEW T 2389 BELANGER ST MONTREAL QUE	MED DIPL 2 DO 7862
KUBOW BRONISLAW BENNY 2554 MONTGOMERY ST MONTREAL QUE	B ENG EL 3
KUDLAK EDWARD BENJAMIN 152 CONNAUGHT AVE VILLE ST LAURENT QUE	PARTIAL BY 7827
KUJAN DONALD 1480 CITY HALL ST MONTREAL 18 QUE	B C L 2 PL 6729
KULA MORRIS 5497 TRANS ISLAND AVE MONTREAL QUE	B ARCH 6 EL 9752
KUMAMOTO YURIKA 7198 PAPINEAU AVE MONTREAL QUE	M SC 2 GR 5076
KUNCE GANA ANN R V C P O BOX 383 KAPUSKASING ONT	B SC P ED 1 MA 0030
KURLENTS ERIKA MARIA 4616 MACKENZIE AVE MONTREAL QUE	PARTIAL AT 1866
KURLENTS HILLAR 4516 MACKENZIE AVE MONTREAL 26 QUE	B ENG 2 AT 1866
KURZON GEORGE MULDON 3851 UNIVERSITY ST MTL 75 NO MAIN ST UNBRIDGE MASS U S A	MD CM 2
KUSHNER ARNOLD GRAHAM 254 DECARIE BLVD VILLE ST LAURENT QUE	MD CM 3 BY 7941
KUSHNER EVA MILADA RUTH 475 MILTON ST MONTREAL QUE	PH D 3 LA 8663
KUSHNER JERRY 5985 MACDONALD AVE MONTREAL QUE	B SC P ED 1 EX 8808
KUSHNER SELMA LOUISE 4790 MERIDAN AVE MONTREAL QUE	B A 2 EL 5602
KUSIK KATHERINE E R V C 1934 YPRES BLVD WINDSOR ONT	PHYSIOTH 2
KUSSNER MARILYN ANN 4830 CEDAR CRESCENT MONTREAL QUE	B A 1
KUWAYTI KAMAL OTTAWA CIVIC HOSPITAL OTTAWA ONT	MED DIPL 1
KUZMAK JOSEPH MILTON 1433 BISHOP ST APT 8A MONTREAL QUE	PH D 4
KYCIA THEODORE FRANK 7001 A CHALOT ST MONTREAL QUE	B SC 3

L

LAATUNEN GUNNAR POJU 629 QUERBES AVE OUTREMONT QUE	B COM 4 TA 3634
LABENEK JOE 11651 VICTORIA AVE POINTE AUX TREMBLES QUE	B COM 3 MI5 4304
LABERGE JACQUES JEAN J 805 DESMARCHAIS BLVD VERDUN QUE	B ENG 1 PO6 2273
LABERGE PETER JOSEPH 9055 BERRI ST APT 1 MONTREAL QUE	B ENG 2 DU 4616
LABERGE ROBERT MACDONALD COLLEGE 80 DRINKWATER ST SUDBURY ONT	B SC AGR 2
LABRECQUE LEO LOUIS 3604 ONTARIO ST E MTL 192 STE ANNE ST JOLIETTE QUE	B ENG 1
LACASSE ARMAND L MACDONALD COLLEGE NOTRE DAME DU NORD QUE	B SC AGR 4
LACEY RICHARD 4010 COTE ST CATHERINE APT 11 MONTREAL QUE	B ENG MCH 5 EX 6379
LACHANCE PAUL ROGER MACDONALD COLLEGE 32 CLIFF AVE QUEBEC CITY QUE	B SC AGR 4
LACHAPELLE GASTON R 1495 ST JOSEPH BLVD E MONTREAL QUE	B COM 1 CH 4606

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LACHOWIEZ ROBERT MICHAEZ 550 MILTON ST MTL 40 FERRY ST SYDNEY N S	B ARCH 4 LA 7002
LACKEY ARTHUR A 190 PINE ST W APT 24 MONTREAL QUE STANBRIDGE EAST QUE	MD CM 2 HA 2389
LACOMBE CLAUDE 10568 BERRI ST AHUNTSIC QUE	B ENG CIV 5 VE 5519
LACOMBE PIERRE G 10568 BERRI ST MONTREAL QUE	B ENG MI 4 VE 5519
LACOURSIERE PIERRE 426 SHERBROOKE ST W MTL 190 BONAVENTURE ST THREE RIVERS QUE	B ENG CIV 4 MA 1388
LADOUCEUR GILLES CHARLES 2189 BORDEAUX ST MONTREAL QUE	B ENG CIV 3 FA 9788
LAFAVE HUGH GORDON 3617 LORNE CRESCENT MTL 732 MAIN ST SASKATOON SASK	MD CM 4 BE 4717
LAFFOLEY JOHN RICHARD 796 LEXINGTON AVE WESTMOUNT QUE	B A 3 EL 4524
LAFFOLEY MARGARET ANN 3712 JEANNE MANCE ST MONTREAL QUE	M S W 1 PL 6926
LAFFOLEY RUTH ANN 805 UP BELMOUNT AVE WESTMOUNT QUE	PHYSIOTH 3 EL 1935
LAFKAS CONSTANTINE 6288 DEACON RD MTL IEROU LOCHOU 2 CASTELLA PIRAEUS GREECE	B ENG 2 AT 3625
LAFLECHE FRANCOIS RICHER 1469 DRUMMOND ST APT 45 MONTREAL QUE	MD CM 4 MA 5162
LA FLECHE JEAN JOSEPH R 1469 DRUMMOND ST MONTREAL QUE	B A 3 MA 5162
LAFOND PIERRE 5237 CLANRANALD AVE MONTREAL QUE	B ARCH 6 WA 3451
LAFONTAINE GUY 3737 HUTCHISON ST MTL 624 STE ANGELE ST THREE RIVERS QUE	B ENG 1
LAFOREST JOSEPH N P 3445 PAPINEAU ST APT 2 MONTREAL QUE	B ENG MCH 4 AM 7413
LAFRAMBOISE ANDRE CHARLE DOUGLAS HALL 197 WURTEMBURG ST OTTAWA ONT	B C L 3 PL 7880
LAGACE ALFRED FRANCIS 4397 DRAPER ST MTL 709 CENTRAL ST FRANKLIN N H U S A	MD CM 2 WA 7376
LAGENDYK PETER JOHN 365 41ST AVE LACHINE QUE	B ENG CIV 5 NE 5 1030
LAIDLAW BENJAMIN A 3508 UNIVERSITY ST MTL CARDSTON ALTA	B SC 3
LAIDLEY CHARLES WENDELL 56 SUNNYSIDE AVE WESTMOUNT QUE	B ENG 2 EL 6369
LAIDLEY KEITH MONSARRAT 56 SUNNYSIDE AVE WESTMOUNT QUE	B C L 1 EL 6369
LAIMON HAROLD 3617 LOREN CRESCENT MTL BOX 472 KAMSACK SASK	MD CM 4 BE 4717
LAINE MICHAEL DOUGLAS HALL 130 OLD FOREST HILL RD TORONTO ONT	B A 1 UN 6 0218
LAING AMELIA S ROYAL VICTORIA COLLEGE 328 JAMES ST E PRESCOTT ONT	B SC 4 MA 9181
LAING FRANCES 5510 BEAMINSTER PLACE MONTREAL QUE	B A 4 AT 6825
LAIRD JAMES T JR 1444 TOWER ST MTL 80 STATE ST MONTPELIER VT U S A	M S W 1
LAJDA MILOSH ALEXEY 3534 SHUTER ST MONTREAL QUE	B COM 4 MA 7147
LAKE DOUGLAS 1105 GOHIER ST VILLE ST LAURENT QUE	B ENG 1 BY 7440
LAKE SEYMOUR 125 MOUNT ROYAL AVE W APT 5 MONTREAL QUE	B ENG CIV 3 LA 1649
LALL ROSE SITA MACDONALD COLLEGE CHAGUANAS TRINIDAD B W I	HOMEMAKER 1
LALONDE ANDRE L R 6651 24TH AVE ROSEMOUNT QUE	B ENG 2 TU 6364
LALONDE ELIZABETH LOUISE 33 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B SC P ED 4 AT 2837
LAM PETER 1441 DRUMMOND ST MTL 6 KENNEDY TERRACE HONG KONG CHINA	B ENG CIV 3 MA 4171
LAMBERT KENTON CHICKERIN 2064 UNION AVE APT 6 MONTREAL QUE	MD CM 2 BE 2225
LAMBERT VICTOR JOSEPH A 4708 RIVARD ST MTL 41 HEMLOCK AVE SHAWINIGAN FALLS QUE	B ARCH 2 BE 6620
LAMBROU CHRISTOS JOHN 3608 OXENDEN AVE MTL 15 ANTILOCHOU ST ATHENS GREECE	B SC 2 PL 1305
LAMONT HELEN LORNA 5232 MOUNTAIN SIGHTS AVE MONTREAL QUE	B A 3 EL 7900
LAMONT JOHN GOFF MACDONALD COLLEGE MARGARET MANITOBA	B ENG MCH 5
LAMONTAGNE LEON JOSEPH 1735 CARTIER ST MACKAYVILLE QUE LISIEUX SASK	B C L 1
LAMONTAGNE PIERRE JEAN 548 PRINCE ARTHUR ST MONTREAL QUE ST FERDINAND QUE	B ENG 2 HA 7579
LAMONT HAVERS RONALD W 138 HAVEN AVE APT 24D NEW YORK 32 N Y U S A	MED DIPL 4
LAMPRECHT ELEANORA MRIA 1500 ST MATTHEW ST MONTREAL QUE	B A 3 GL 4944

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LANCTOT CLAUDE 193 DE L EPEE MTL WEST BROME BROME CO QUE	B SC 3 CA 4545
LAND ENID IRMA ROYAL VICTORIA COLLEGE 18 CATHERINE ST GLACE BAY N S	B A 3 PL 0477
LANDER ANN LOUISE MACDONALD COLLEGE 8 EAST PARK ST VALLEYFIELD QUE	TCH ELEM 1
LANDORI HOFFMANN ROBERT 418 CLAREMONT AVE APT 17 MONTREAL QUE	B COM 1 HU 8 4487
LANDRIAULT JEAN RENE 6387 ST DENIS ST MONTREAL QUE	B ENG MCH 4 CR 0910
LANDRY CLAUDE ADOLPHE 1025 SHERBROOKE ST W MONTREAL QUE 173 DUROCHER ST HULL QUE	B ENG CH 5
LANDRY JACQUES ROGER 5118 PAPINEAU ST MTL BUCKINGHAM QUE	B C L 1 GL 2857
LANDRY ROBERT LOUIS 3791 QUEEN MARY RD MONTREAL QUE	B SC 1 AT 6161
LANE PERCY WILLIAM W 709 OSBORNE AVE VERDUN QUE	M A 1 HE 5457
LANG BERNARD 7421 OUTREMONT MONTREAL QUE	M ENG 1 VI 0728
LANG MARTIN 751 OUTREMONT AVE OUTREMONT 8 QUE	B COM 3 GR 3102
LANGBALLE PETER BROCK 4820 BORDEN AVE APT 20 MONTREAL 544 MURDOCH AVE NORANDA QUE	B ENG MCH 5 HU8 8012
LANGEVIN JOHN MACDONALD COLLEGE HEBERTVILLE STATION QUE	B SC AGR 2
LANGEVIN JOSEPH LAURENT 7584 DES ERABLES ST MONTREAL QUE	B ARCH 6 AM 2231
LANGFORD BEATRICE W APT 118 CHAMPLAIN COLL PLATTSBURG NEW YORK USA	M A 2
LANGLEBEN MANUEL P 3940 PLAMONDON ST APT 10 MONTREAL QUE	PH D 4 RE3 3900
LANGLOIS CLAUDE 880 OGILVIE ST MTL 12 MERRY ST MAGOG QUE	B ENG CIV 5 GR 3849
LANGLOIS JOSEPH LAURENT 1014 DORCHESTER ST E MONTREAL QUE	B ENG 1 BE 0980
LANK GERALD WALTER 3435 BARCLAY AVE MONTREAL QUE	B ENG 2 RE 3 1370
LANSDOWN MICHAEL JOHN B 1469 DRUMMOND ST APT 100 MONTREAL QUE	B SC 2 LA 2654
LANTZ ELIZABETH ANNE MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC H EC 4
LAPERRIERE MARCEL GEORGE 548 PRINCE ARTHUR ST MTL STE FLORE ST MAURICE QUE	B ENG 2 HA 7579
LAPIERRE JOS GASTON L 6821 ST DENIS ST MONTREAL QUE	B ENG COM 5 CR 7343
LAPIERRE NORMAN JOSEPH 28 MORRISSON AVE TOWN OF MOUNT ROYAL QUE	B ENG CIV 4 AT 5112
LAPLANTE CHARLOTTE T MACDONALD COLLEGE 240 CHARLOTTE ST OTTAWA 2 ONT	B SC H EC 1
LAPOINTE CLAUDE 8595 ST DENIS ST MONTREAL QUE	B ENG CIV 5 DU 5657
LAPOINTE JEROME JOSEPH H 7746 DE GASPE ST MONTREAL 10 QUE	B ENG MI 4 DO 3290
LAPOINTE LUCIEN JOSEPH H 4128 W DORCHESTER ST MTL 34 COLLEGE OTTAWA 2 ONT	B A 1 WI 9471
LARAMEE PIERRE PAUL 17 ST CHARLES ST BOUCHERVILLE QUE	B C L 1
LARDER GEORGE FREDERICK 2187 MARCIL AVE N D G MONTREAL QUE	B SC 4 DE 1502
LA RIVIERE JOSEPH ERNEST 1078 2ND AVE VERDUN 159 EAST ST SPRINGFIELD MASS U S A	B ARCH 6 YO 8140
LAROCHE ALBERT N 181 LOGAN ST ST LAMBERT QUE	B ENG CIV 3
LAROCQUE JOSEPH HERCULE 2142 CARTIER ST MONTREAL QUE	B ENG 1 FA 6502
LARONDE DONALD JOSEPH 3418 HOTE DE VILLE MTL EAST SULLIVAN MINES VAL D OR QUE	B ENG MI 5
LARSEN JOHN 4593 KINGSTON AVE MONTREAL 28 QUE	B ENG 1 WA 4097
LASCHIAZZA DOMINIC 176 GOUIN BLVD WEST MONTREAL QUE	B SC 1 VE 3548
LASKOWSKI JOHN EDWARD 4201 DE BULLION ST MONTREAL QUE	B SC 1
LASMANIS EDITH ERIKA E 885 LAIRD BLVD TOWN OF MOUNT ROYAL QUE	PHYSIOTH 3 AT 4015
LATENDRESSE JOHN DALE 5250 WESTHILL AVE APT 2 MONTREAL QUE 5126 HILLBURN AVE BALTIMORE MD U S A	MED DIPL 4 WA 7541
LATIMER DAISY AGATHA ROYAL VICTORIA COLLEGE APARTADO 773 MEXICO 1 D F	B A 1
LATIMER GEORGE A 3647 UNIVERSITY ST MTL APARTADO 773 MEXICO D F	B COM 4 MA 2806
LATIMER RADCLIFFE R 1632 SEAFORTH AVE MONTREAL QUE	B SC 4 FI 6091
LATTIK HENNO REIN 5172 WALKLEY AVE N D G MONTREAL QUE	B ENG 2
LATTIMER ERNEST JAMES 47 THORNHILL AVE WESTMOUNT QUE	B C L 3 WI 9276

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LAU JOHN LESLIE MACDONALD COLLEGE 123 HENRY ST PT OF SPAIN TRINIDAD B W I	PARTIAL
LAUFER PHILIP JOSEPH 231 ST JOSEPH BLVD APT 4 MONTREAL QUE	M SC 1
LAUGH THEODORE ROGERS JR 515 PINE AVE W MONTREAL QUE	MD CM 4 MA 4045
LAUGSTROTH DAVID 4709 VICTORIA AVE MONTREAL QUE	B ENG 1 WA 1277
LAUREN PENTTI K 3592 UNIVERSITY ST MTL 6 CALIXA LAVALLEE APT 7 QUEBEC CITY QUE	B ENG EL 4 PL 2435
LAURENDEAU PETER 35 ARLINGTON AVE WESTMOUNT QUE	B ENG PWR 5 GL 3607
LAURIN ANDRE JOSEPH F R5 A STE ANNE ST STE ANNE DE BELLEVUE QUE	M SC 2
LAURIN GERALD ANTOINE 61 LAURIN BLVD APT 3 VILLE ST LAURENT QUE	B ENG CIV 3 BY 7450
LAURIN JOHN C DOUGLAS HALL 257 LAURIER AVE HULL QUE	D D S 1
LAURIN MARIE LISE H A MACDONALD COLLEGE 257 LAURIER AVE HULL QUE	B SC H EC 1
LAURIN VICTORIN BERTRAND 367 SHERBROOKE ST W MTL 110 FRIGON ST SHAWINIGAN FALLS QUE	B ENG CIV 5 PL 0205
LAURSEN ALLYN CHRISTIAN MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
LAUTER RUTH 93 MCNIDER AVE MONTREAL QUE	B A 3 CA 3986
LAUTSCH ELIZABETH V 5 TERRASSE CORBEIL LAVAL DES RAPIDES MTL	PH D 3 MO4 3852
LAUZON CARMEN 680 SHERBROOKE ST LACHINE QUE	PARTIAL
LAVALLEE SIMON 26 CARTIER ST VILLE ST LAURENT QUE	B ENG 1 BY 6133
LAVIGNE JACQUES 3684 ST DENIS ST APT 4 MONTREAL QUE 4043 VENDOME AVE N D G MONTREAL 28 QUE	B ENG CIV 5 LA 1370
LAVIGNE JEAN GILLES 368 BLVD DU HAVRE VALLEYFIELD QUE	B ENG 1
LAVIGUEUR JACQUES 437 RICHARD AVE VERDUN QUE	B ENG 1 TR 7466
LAWAND THOMAS ANTHONY 782 MCEACHRAN AVE OUTREMONT QUE	B ENG 1 DO 4548
LAWAND WILLIAM JOHN 782 MCEACHRAN AVE OUTREMONT QUE	B COM 4 DO 4548
LAWLEY MARY FRANCES 2025 GREY AVE NDG MONTREAL QUE	EDUCATION 5 DE 4474
LAWRENCE JEAN AGNES 700 40TH AVE LACHINE QUE	B A 1
LAWSON PATRICIA ANN MACDONALD COLLEGE 99 SUTHERLAND DR LEASIDE ONT	B SC H EC 1
LAYNE DONALD SEVAL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
LAZARE DANIEL 340 LANSDOWNE AVE WESTMOUNT QUE	B A 4 GL 3658
LAZARE JACK 340 LANSDOWNE AVE WESTMOUNT QUE	B COM 1 GL 3658
LAZARUS GEORGE S WILSON HALL 38 DUMBARTON AVE HALF WAY TREE JAMAICA B W I	B SC 2
LAZZARI JOHN ALBERT 3508 DUROCHER ST MTL MON REPAS SANFERNANDO TRINIDAD B W I	B A 4 MA 4352
LEACH WILLIAM ROBERT 4751 BARKLEY AVE MTL MATTAWA ONT	B ENG 2
LEAHY THOMAS DONALD 3535 CONNAUGHT AVE MONTREAL QUE	B ENG EL 4 DE 9218
LEAVITT GLORIA HELEN 1235 BERNARD AVE MONTREAL QUE	PHYSIOTH 1 CA 4458
LEAVITT JULIUS 2900 VAN HORNE AVE APT 2 MONTREAL QUE	B C L 1 EX 3733
LEAVITT RONALD WILSON HALL 10 SOUTHERN DRIVE OTTAWA ONT.	B COM 4
LEAVITT SYDNEY RONALD 1235 BERNARD AVE W OUTREMONT QUE	B ENG CH 4 CA 4458
LE BEAU PIERRE ARMAND 15 BELOEIL AVE OUTREMONT QUE	B C L 4 AT 4823
LEBEAU RICHARD PAUL E J 8429 FOUCHER ST MONTREAL QUE	B ENG 1 VE 4536
LEBID IROIDA 3544 ST ZOTIQUE ST MONTREAL QUE	B SC 3 CA 6787
LE BLANC JOSEPH ALCIDE 367 SHERBROOKE ST W MTL 153 MAIN ST SHEDIAC N B	B ENG CIV 5 PL 0205
LE BLANC MICHEL ROBERT WILSON HALL 151 WEST KING ST SHERBROOKE QUE	B ARCH 4
LE BLOND ELIZABETH JANE 3445 COTE DES NEIGES RD MONTREAL QUE	M S W 1
LEBOEUF ROBERT COME 116 SIMCOE TOWN OF MT ROYAL QUE	B COM 1 AT 6641
LEBOVITZ DONALD 6151 ESPLANADE AVE MONTREAL QUE	B COM 1 CA 3517
LECHTER EDWARD 4699 ST URBAIN ST MONTREAL QUE	D D S 1 PL 2364
LECKER BARBARA MACDONALD COLLEGE 3915 CARLTON AVE MONTREAL QUE	TCH ELEM 1
LECKER HAZEL JOYCE 5815 TRANS ISLAND AVE MONTREAL QUE	B A 1 AT 9391

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LECLERC MARC EUGENE WILSON HALL 176 LAURIER AVE SHERBROOKE QUE	B ENG CIV 4 UN 6 0286
L ECUYER PAUL EMILE 31 DUPONT AVE CHATEAUGUAY BASIN QUE	B C L 1 TR 7151
L ECUYER PIERRE AMEDEE 9940 ST CHARLES AVE MONTREAL QUE	B ENG 2 VE 5458
LEDERMAN GERTRUDE 1249 GREENE AVE WESTMOUNT QUE	B A 3 FI 2000
LEE BEULAH ROSEMARY MACDONALD COLLEGE 172 HENNESSY RD HONG KONG CHINA	B SC H EC 2
LEE ERNEST STEWART 261 MORRISON AVE MONTREAL QUE	B ENG 2 EX 4774
LEE MARY ARIANE E ROYAL VICTORIA COLLEGE BOX 310 NORANDO QUE	PARTIAL PL 0113
LEE PHILLIP 189 DORCHESTER ST W MONTREAL QUE	B ENG 1
LEE RUSSELL 1106 ST URBAIN ST MONTREAL 1 QUE	B ENG HA 1938
LEEDY WILLIAM VERNON 3245 LINTON AVE APT 14 MONTREAL QUE 70 PARK DR SAN ANSELMO CALIF USA	MD CM 2
LEES ROBERT DAVID MACDONALD COLLEGE 14 KELWAY BLVD TORONTO ONT	B SC AGR 2
LEESON JOHN IAN POWELL DOUGLAS HALL 382 DUDLEY RD BIRMINGHAM ENG	M SC 1 BE 0752
LEEVIRAPHAN MANAS DOUGLAS HALL 81 WAT TUK YAWARAJRO BANGKOK THAILAND SIAM	B COM 2
LEFCORT MALCOLM DAVID 641 ROSLYN AVE MONTREAL 6 QUE	B ENG 2 DE 5472
LEFEBVRE JOSEPH G GILLES 759 DE L EPEE AVE MONTREAL QUE	PH D 2 DO 2727
LEFRANCOIS LORAINE B 1472 CRESCENT ST MONTREAL QUE	B A 3 HA 1495
LEFTHERIS JOHN BOLGARIS 130 PIREAUS GREECE	B ENG 2
LEGARE ROBERT GEORGE 820 ST AUBIN AVE VILLE ST LAURENT QUE	B ENG MCH 4 BY 6778
LEGAULT ROBERT JOSEPH G 9641 LASALLE BLVD VILLE LASALLE QUE	B ENG MCH 4 NE 5 3576
LEGER CLAUDE GILLES J COMO COUNTY OF VAUDREUIL QUEBEC	B ENG MCH 3
LEGER DOUGLAS ALEXANDER 310 LANSDOWNE AVE MTL 26 GARDEN ST QUEBEC CITY QUE	B ENG MCH 4 GL 1589
LEGER JEAN LOUIS 2755 BARCLAY ST APT 4 MONTREAL QUE	B C L 4
LEGGE ROBERT CHARLES 1381 CALEDONIA RD TOWN OF MOUNT ROYAL QUE	B C L 4 AT 1783
LEHMAN GEOFFREY WILLIAM 3435 MOUNTAIN ST MONTREAL QUE	MD CM 4 MA 4318
LEIBOVITCH PEARL 687 WISEMAN AVE APT 4 MONTREAL QUE	PARTIAL TA 0512
LEIBOVITCH PHYLLIS MAY 4622 EARNSCLIFFE AVE N D G MONTREAL QUE	B A 1 EL 5821
LEICHTAG BERNARD 417 ST JOSEPH BLVD W APT 10 MONTREAL QUE	B ENG 1 GR 8388
LEINWAND JACK JACOB 5288 ESPLANADE AVE MONTREAL QUE	B ENG 2 CR 6607
LEIPOLDT JOHANNA MARY 6245 GOUIN BLVD W SARAGUAY QUE	B A 3 BY 1063
LEITCH HUGH CORLEY 3 NORTHCOTE RD HAMPSTEAD QUE	B ENG CIV 3 DE 2094
LEITCH MALCOLM JAMES R 2054 CITY COUNCILLORS MONTREAL QUE 963 GLENN AVE KELOWNA B C	D D S 2 HA 6098
LEITENBERGER ADELINE G MACDONALD COLLEGE 6110 35TH AVE ROSEMOUNT QUE	TCH ELEM 1
LEITH ARTHUR BRUCE 145 51ST AVENUE LACHINE QUE	MD CM 2 NE5 2115R
LEIHAM RICHARD WERNER 3557 DUROCHER ST MTL 3530 ONTARIO AVE MONTREAL QUE	B ENG CIV 3 HA 7512
LEIZAOLA JOSEBA ANDONI 258 SHERBROOKE ST W MONTREAL QUE IBARRAS A MATURIN 17 CARACAS VENEZUELA	B ENG CIV 4 BE 7102
LELIEVRE IAN FRANCIS 3559 NORTHCLIFFE AVE MONTREAL QUE	B COM 3 EL 4760
LE MAY PIERRE MICHEL T 287 ST LOUIS SQUARE MTL 142 ST PATRICK ST OTTAWA ONT	MD CM 1
LEMOINE WILLIAM LORNE 3485 MCTAVISH ST MTL 22 FRONT ST HULL QUE	S T M 1 BE 0424
LENET HECTOR 5385 PARK AVE MONTREAL QUE	B A 2 DO 4218
LENNIE RONALD HARVEY 3471 WALKLEY AVE N D G MONTREAL QUE	B COM 4 DE 7895
LENNOX MALCOLM PETER R 1120 LAJOIE AVE APT 4 MONTREAL 8 QUE	B ENG 1 CA 9402
LENOIR JACQUES PAUL DOUGLAS HALL AV ATLANTICA 3210 RIO DE JANEIRO COPACABANA BRAZIL	B COM 2
LEON YVONNE ANDREE MCLENNAN HALL BYNEN NEWTON C WILLOWS LANCASHIRE ENG	M SC 1
LEPIEZ KENNETH GEORGE 4310 BEACONSFIELD AVE APT 6 MONTREAL 28 QUE	TCH INT 1 DE 3939

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
LEPOT DOREEN MARY 3215 DANDURAND ST MONTREAL QUE	HO 2694	B SC 1
LERNER BELLA BUNNY 15A COTE STE CATHERINE R MONTREAL QUE	DO 9555	B A 1
LERNER MILDRED 4865 FULTON AVE MONTREAL QUE	AT 1673	B COM 1
LEROUX EDGAR JOSEPH MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE		PH D 2
LESKEVICH VERA 2040 ST URBAIN ST MONTREAL QUE	LA 9550	M A 1
LESLIE GORDON CHARLES 163 BROCK AVE NORTH MONTREAL WEST QUE	DE 7007	B ENG MCH 4
L ESPERANCE DAVID LAUREN 35 SPRING GROVE OUTREMONT QUE	CA 7602	B A 3
L ESPERANCE EMERY T 5080 ADAM ST MONTREAL QUE	CL 2916	B ENG 2
LESSER ELLIOTT MACDONALD COLLEGE 83 WOODRUFF AVE BROOKLYN 26 NEW YORK USA		PH D 3
LESTER ROSLYN JOY 132 DOBIE AVE TOWN OF MT ROYAL QUE	AT 6471	B A 2
LETENDRE ALFRED 149 CONNAUGHT VILLE ST LAURENT QUE	BY 5186	L MUS 2
LETOURNEAU GILLES MARIO 1569 MCGREGOR AVE MTL 2110 BOISJOLI ST QUEBEC CITY QUE	WE 0569	B ARCH 6
LEUNG ROY MARTIN 1441 DRUMMOND ST MTL 57 DEVERTEUIL ST WOODBROOK PORT OF SPAIN TRINIDAD B W I	HA 4171	D D S 2
LEUPIN ERIC ERNEST 3417 SHUTER ST MTL CIA CROYDON DEL PACIFICO CALI COLOMBIA	MA 1253	B ENG 2
LE VASSEUR ARMAND MACDONALD COLLEGE 386 ST PATRICK ST OTTAWA ONT		B SC AGR 4
LEVASSEUR PAUL GORDON 3830 HAMPTON AVE N D G MONTREAL QUE	WA 4730	B ENG CIV 5
LEVENE KENNETH NORTON DOUGLAS HALL 2728 MCCALLUM AVE REGINA SASK		B COM 3
LEVEQUE ROGER ERNEST 5591 CHAMPLAIN BLVD MTL 1484 BAY AVE TRAIL B C	TR 7822	B SC 2
LEVETUS LOIS IRENE 4777 MAPLEWOOD AVE MONTREAL QUE	EX 5370	B SC 2
LEVINE ALLAN EDGAR 4865 QUEEN MARY RD APT 8 MONTREAL QUE	EX 2479	B A 4
LEVINE MARK CHARLES 4740 MAPLEWOOD AVE MTL CO SUN VALLEY LODGE STE AGATHE DES MONTS QUE	AT 5353	MD CM 3
LEVINSON EDWARD DAVID 4932 PRINCE OF WALES AVE MONTREAL QUE	EL 5297	MD CM 4
LEVITAN CONSTANCE 3622 LORNE CRESCENT APT 3 MONTREAL QUE	BE 7923	M S W 1
LEVITAN HAROLD LEE 3622 LORNE CRESCENT MTL 82 STUART RD NEWTON MASS U S A	BE 7923	MD CM 3
LEVITT ABRAHAM 4862 CLARK ST MONTREAL QUE	BE 6103	B SC 4
LEVITT HARVEY LAWRENCE 425 BROOKFIELD AVE TOWN OF MOUNT ROYAL QUE	EX 3804	D D S 2
LEVITT MICHAEL NORMAN 4315 MELROSE AVE APT 7 MONTREAL QUE	EL 8495	B A 3
LEVITT MORRIS 5436 HUTCHISON ST OUTREMONT QUE	CR 8983	B ENG 2
LEVITT SIMON 5436 HUTCHISON ST MONTREAL QUE	CR 8983	PARTIAL
LEVITT THELMA LOIS 425 BROOKFIELD AVE TOWN OF MT ROYAL QUE	EX 3804	B A 1
LEVITT WILLIAM 5260 HUTCHISON ST OUTREMONT QUE	DO 8600	B A 4
LEVY ARTHUR ISRAEL 3653 CITY HALL AVE MONTREAL QUE	HA 4615	B SC 2
LEVY GERALD 690 ABERDEEN AVE WESTMOUNT QUE	WA 5885	B COM 1
LEVY LEWIS EDGAR 3993 CLARKE ST MTL 23 WILLIAM ST CARLETON PLACE ONT	HA 0554	B A 4
LEVY MAX ERWIN 4622 ST URBAIN ST MONTREAL QUE	BE 7071	PARTIAL
LEVY SAMUEL WOLFE 4578 ESPLANADE AVE MONTREAL QUE	HA 4827	PH D 3
LEWIN FRANK SPENCER 30 HOLTON AVE WESTMOUNT QUE	FL 0623	B ENG CIV 5
LEWIS ALEX BENTON 6212 TRANS ISLAND AVE MONTREAL QUE	RE 3 3081	B COM 2
LEWIS BARBARA JANET MACDONALD COLLEGE 114 ST JOSEPH ST DORVAL QUE		B SC H EC 2
LEWIS CYRIL MORRIS 2211 ST CATHERINE ST W APT 1 MONTREAL QUE	WE 8468	B COM 2
LEWIS DERWENT MCFARLAND 114 ST JOSEPH ST DORVAL QUE	ME 1 1460	B ENG 2
LEWIS HERBERT 396 LANSDOWNE AVE MONTREAL QUE	GL 3168	B A 4
LEWIS HERBERT MOSTYN M 612 ARGYLE AVE WESTMOUNT QUE	EL 9362	B COM 3
LEWIS IRWIN 5985 SQUART AVE APT 11 MONTREAL QUE	AT 0820	B SC 3
LEWIS JACQUELINE ELAINE 4059 WESTHILL AVE N D G MONTREAL QUE	DE 1481	B SC 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LEWIS JOHN BRADLEY 226 ALCAZAR AVE CORAL GABLES FLA USA	PH D 2
LEWIS JUDITH BOWER 4570 OXFORD AVE MONTREAL 28 QUE	B SC P ED 1 EL 6828
LEWIS JOSEPHINE EVELYN 4059 WESTHILL AVE N D G MONTREAL QUE	B A 1 DE 1481
LEWIS MORA EVA R V C LOUISBOURG N S	PHYSIOTH 1
LEWIS RAYMOND KEITH 114 LAKESHORE RD DORVAL QUE	B COM 4 ME 1 1460
LEZIY EMILE 2034 JACQUES HERTEL ST COTE ST PAUL MTL QUE	B ARCH 5 PO6 2744
LEZNOFF ARTHUR 370 WISEMAN AVE OUTREMONT QUE	MD CM 2 TA 5817
LEZNOFF STANLEY 370 WISEMAN AVE MONTREAL QUE	B ENG 1 TA 5817
LI CHOH LUH MTL NEUROLOGICAL INST MONTREAL QUE	PH D 2 PL 1251
LIANG HOWARD SIEMING 1615 CEDAR AVE MTL 5462 TRANS ISLAND AVE MONTREAL QUE	MED DIPL 2 FI 4661
LIANG KAR KWAN 1441 DRUMMOND ST MTL 11A TONG SHUI RD NORTH POINT HONG KONG CHINA	B ENG 2 MA 4171
LIBERMAN HELEN ANNE 5132 LACOMBE AVE MONTREAL QUE	B A 1 AT 5152
LIBERMAN JOHN LORNE 4855 GROSVENOR AVE MONTREAL QUE	B C L 3 AT 7223
LIBMAN ISRAEL 715 STUART AVE OUTREMONT QUE	MD CM 1 CR 3828
LIDDLE CLIVE ANDREW 3420 ST FAMILLE ST MONTREAL QUE	MD CM 4 MA 1592
LIDDELL JAMES MEREDITH 73 COLUMBIA AVE WESTMOUNT QUE	B ENG 1 WE 1224
LIEBMAN NATHANIEL 428 MT STEPHEN AVE WESTMOUNT QUE	B C L 3 GL 2407
LIEFF MIRIAM ROYAL VICTORIA COLLEGE 286 SHERWOOD DR OTTAWA ONT	B A 1 MA 0030
LIEPINA GERDA MTL GEN HOSP 4995 ST CATHERINE RD APT 28 MONTREAL QUE	MED DIPL 1
LIEPINS ARGODS BRUNO 3545 RUE DE BULLION MTL EXT CHAMPLAIN AVE SYDNEY N S	B ARCH 5 LA 0752
LIEVEN DARIA 3440 GASCON AVE APT 4 MONTREAL QUE	GR N CERT 1 AM 7909
LIGHT IRWIN JOSEPH 218 MAPLEWOOD AVE OUTREMONT QUE	B SC 2 CA 8077
LIGHTFOOT ALAN FREDRICK MACDONALD COLLEGE 4942 GLENCAIRN AVE MONTREAL 6 QUE	PARTIAL EL 4148
LILL JOHN RAWLINSON 1454 MOUNTAIN ST APT 8 MONTREAL BOX 273 KAPUSKASING ONT	B SC 3 PL 3840
LILLIE JOHN BARRY 720 UPPER ROSLYN AVE WESTMOUNT QUE	B ENG 1 WA 5410
LINCK PATRICIA MARIA ROYAL VICTORIA COLLEGE CALLE 27 OESTE 33 PANAMA	B A 1
LINDELL KARL VICTOR 3592 UNIVERSITY ST MTL BOX 730 ASBESTOS QUE	B ENG 1 PL 2435
LINDSAY ALAN C 3438 MCTAVISH ST MONTREAL QUE	B A 3 PL 2073
LINDSAY ELIZABETH ANNE B 160 LAPALME ST VILLE ST LAURENT QUE	B SC P ED 2 BY 7153
LINDSAY FRASER RONALD 48 ARLINGTON AVE WESTMOUNT QUE	B A 2 GL 2536
LINDSAY KATHARIN A 2174 SHERBROOKE ST W MONTREAL QUE	PHYSIOTH 2 WI 3892
LINDSAY SHEILA IRENE 160 LAPALME ST VILLE ST LAURENT QUE	B SC P ED 2 BY 7153
LING JOYCE CYNTHIA 3615 DUROCHER ST MONTREAL QUE	PHYSIOTH 3 BE 6977
LINGARD WILLIAM FREDERICK ROYAL VICTORA HOSPITAL MONTREAL QUE	MED DIPL 1 PL 1251
LINGEMAN BERNARD MACDONALD COLLEGE 4138 MARCIL AVE N D G MONTREAL QUE	B SC AGR 2
LINIS LININS VIKTORS MATH DEPT UNIV OF SASK SASKATOON SASK	PH D 4
LINKLATER DONALD M 1728 LECLAIR AVE VERDUN 410 PARIS ST SUDBURY ONT	D D S 4 HE 3458
LIPES ARNOLD 4950 JEAN BRILLANT ST SNOWDON MTL QUE	B ENG 2 EX 8208
LIPPMAN PETER RONALD 739 WILDER AVE OUTREMONT QUE	B A 1 DO 6200
LIPSEY MARILYN 4808 LACOMBE AVE MONTREAL QUE	B A 1 EX 7039
LIPTRAP RICHARD JOHN 171 DESAULNIERS BLVD ST LAMBERT QUE	B COM 1 OR 1 1545
LIQUORNIK ISRAEL 5626 CLARK ST MONTREAL QUE	B A 2 GR 7818
LISHMAN MARTIN STUART MACDONALD COLLEGE 154 THORNTON AVE TOWN OF MT ROYAL QUE	B SC AGR 3
LISTER EARL EDWARD MACDONALD COLLEGE HARVEY STATION YORK CO N B	B SC AGR 2
LITTLE ALAN BRIAN BOSTON LYING IN HOSP BOSTON 15 MASS U S A 6 RICHELIEU PLACE MONTREAL 25 QUE	MED DIPL 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LITTLE BRUCE WILSON 3434 MCTAVISH ST MTL 1301 DELAUNE AVE QUEBEC CITY QUE	B ENG MCH 3 PL 4492
LITTLE JAMES GRAHAM 3466 MCTAVISH ST MTL 35 HIGHLAND AVE BELLEVILLE ONT	MD CM 3
LITTLE ROBERT BRUCE 3436 DUROCHER ST APT 12 MONTREAL QUE 731 4TH AVE NO SASKATOON SASK	MD CM 4 MA 8264
LITTLE SHEILA KAREN ROYAL VICTORIA COLLEGE 1301 DE LAUNE AVE QUEBEC CITY QUE	B A 1
LITVACK ESTHER HELENE 196 WILLOWDALE AVE OUTREMONT QUE	B A 2 AT 0966
LITWACK BERNARD HERBERT 5640 WOODBURY AVE MONTREAL 26 QUE	PARTIAL EX 3830
LITWACK MORTON JOSEPH 5640 WOODBURY AVE OUTREMONT QUE	B SC 1 EX 3930
LITWIN MANUEL 6375 MOUNTAIN SIGHTS MTL 16 VICTORIA ST CAMPBELLTON N B	B ENG EL 3 EX 5716
LIVERANT HERBERT 476 ROSLYN AVE WESTMOUNT QUE	B COM 4 GL 3167
LIVERMAN ELLEN RHODA MACDONALD COLLEGE 5150 CLANRANALD AVE MONTREAL QUE	TCH ELEM 1
LIVERPOOL JOSEPH ALBAN 3545 UNIVERSITY ST MONTREAL QUE	MD CM 2 LA 2727
LIVERPOOL SAMUEL ALLAN 3545 UNIVERSITY ST APT 4 CHILI COTTAGE GEORGETOWN ST VINCENT B W I	B SC 4 LA 2727
LIVINGSTON JOAN MACDONALD COLLEGE 165 GLENCOE AVE TOWN OF MT ROYAL QUE	TCH KIND 1
LIVINGSTONE DAVID KERR 10 THURLOW RD HAMPSTEAD QUE	B ENG MCH 3 EL 7990
LIVINGSTONE PHOEBE JANE MACDONALD COLLEGE 10 THURLOW RD HAMPSTEAD QUE	TCH KIND 1
LJUNGBERG ANNE MARIE 175 CHESTER AVE TOWN OF MT ROYAL QUE	PARTIAL AT 4470
LLEWELYN ELWYN MORGAN 474 WALNUT AVE ST LAMBERT QUE	B ENG MCH 3 OR 1 7446
LLEWELLYN EDWARD ROLAND ST HILAIRE STATION QUEBEC	MD CM 2
LLOYD BENNETT WILLIAM 175 WILLIBRORD AVE VERDUN QUE	PARTIAL YO 1670
LOBLEY PRUDENCE JENNIFER 154 THORNTON AVE MONTREAL 16 QUE	B A 4 AT 4307
LOCHEAD ELIZABETH ANN 4291 SHERBROOKE ST W MONTREAL QUE	B A 2 FI 2612
LOCKE RICHARD ROY 3431 DRUMMOND ST MTL ISLE MALIGNE QUE	B C L 1 MA 0243
LOCKETT DANIEL JOHN 150 SELBY ST WESTMOUNT QUE	B ENG CH 5 WE 1642
LOCKHART CHESLEY LEROY R R NO 2 GREENWICH KING S CO N S	M SC 2
LOEBEL ELIZABETH TONI 657 COTE ST ANTOINE RD WESTMOUNT QUE	B A 1 DE 4557
LOEBEL PETER B 657 COTE ST ANTOINE RD MONTREAL 6 QUE	B A 4 DE 4557
LOEWENFELD GABRIELLE C 939 MONCRIEFF AVE TOWN OF MT ROYAL QUE	MD CM 2 AT 6007
LOGAN BARBARA ANN 4071 OXFORD AVE N D G MONTREAL QUE	PHYSIOTH 2 DE 0204
LOGAN BRUCE HARVEY 243 CARLYLE AVE TOWN OF MT ROYAL QUE	B COM 4 AT 4074
LOGAN DAVID HUGH WILSON HALL 57 ALBERT ST LINDSAY ONT	B ENG 1
LOGAN LAWTHER QUEEN MARY VET HOSP MTL 3435 MONTCLAIR AVE MONTREAL QUE	MED DIPL 2
LOGAN MARGARET ELIZABETH 4071 OXFORD AVE MONTREAL 28 QUE	B SC P ED 2 DE 0204
LOGAN NORMAN STEWART MACDONALD COLLEGE 497 WESTVILLE AVE NEW GLASGOW N S	B SC AGR 4
LOGSDAIL DOUGLAS EDWARD MACDONALD COLLEGE KEMPTVILLE ONT	B SC AGR 4
LOISOS ELECTRA 1462 GUY ST APT 45 MONTREAL QUE	B SC 3 WI 5243
LONG BRENDA ELIZABETH 54 MONTEE ST MARI MTL 34 GLENCOE AVE OUTREMONT QUE	HANDICRFT 1
LONG WILLIAM ROBERT 143 DOBIE AVE TOWN OF MT ROYAL QUE	B COM 2 EX 1809
LONGMOORE JOHN THOMAS W DOUGLAS HALL GRAND FALLS N B	B SC 1
LONGMORE DARRELL BRUCE 4341 MONTROSE AVE WESTMOUNT QUE	B COM 1 WI 7312
LONGPRE MARCEL L J 1605 ST URBAIN ST MONTREAL QUE	B ENG 2 HA 3769
LORANGE JACQUES JEAN 2065 DARLING ST MONTREAL QUE	B C L 1 HA 8335
LORD MICHAEL 6984 FABRE ST MONTREAL QUE	B ENG 2 CR 4881
LORRAIN YOLANDE 8056 BERRI ST MONTREAL QUE	GR N CERT 2 DU 3829
LORTIE UBALD JOHN 1448 MCKAY ST MTL 73 SUSSEX ST OTTAWA ONT	B ENG CIV 3 GL 1394
LOSCH ROBERT 150 ST HUBERT RD ST HUBERT QUE	B ENG CIV 3 OR 1 0838

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LOTT GORDON GATWARD 3015 PICQUET RD MTL 1157 CLOVELLY TERRACE VICTORIA B C	MD CM 4 GL 3120
LOTTNER SAM 19 VILLENEUVE ST W MONTREAL QUE	B ENG 1 LA 2873
LOUCKS ROBERT BEVERIDGE 3481 ADDINGTON AVE N D G MONTREAL QUE	B ENG CH 3 DE 2794
LOUGH GORDIE WALBRIDGE MACDONALD COLLEGE 130 LOCKHART AVE TOWN OF MT ROYAL QUE	B SC AGR 2
LOUGH JAMES MASON MACDONALD COLLEGE 4933 WESTERN AVE WESRMOUNT QUE	B SC AGR 2
LOUGH JOHN 4933 WESTERN AVE WESTMOUNT QUE	B SC 3 EL 3650
LOUGH LORNA MARION R V C STOUGHTON SASK	PHYSIOTH 2 PL 0327
LOUGHEED MARVIN NORMAN 21 PARKDALE AVE VALOIS QUE 1510 N 57 ST SEATTLE WASH U S A	MED DIPL 5
LOUGHHEED THOMAS C MACDONALD COLLEGE 486 BOWEN AVE S SHERBROOKE QUE	M SC 2
LOUIZOS DEMETRIUS 3463 PEEL ST MTL 49 AGATHOUPOLEOS ST ATHENS 8 GREECE	B ENG 2 MA 0802
LOVE ROY EDWARD 1664 LECLAIRE ST MONTREAL QUE	B SC 2 CL 1071
LOVELAND PHYLLIS JUNE WOMENS RESIDENCE 242 VICTORIA ST SHERBROOKE QUE	B SC H EC 4
LOVINK JOHAN ANTON A DOUGLAS HALL 361 MARIPOSA RD ROCKCLIFFE OTTAWA ONT	B A 3
LOW SEVERIN 1080 LAJOIE AVE APT 1 MONTREAL QUE	B SC 2 DO 4726
LOWE GRAHAM HOWARD 1916 DORCHESTER ST W MTL 8 MONTEITH ST TORONTO ONT	B SC 4 FI 8665
LOWE JOHN MACDONALD 656 JEAN TALON ST W MONTREAL 15 QUE	B ENG 2 CR 5054
LOWER ALFRED THOMAS 4902 RANDALL AVE MTL 4 MAPLE ST KENOGAMI QUE	B ENG MCH 4 EL 0611
LOWIE RUTH ELISABETH 5372 BOURRET ST MONTREAL QUE	B A 2 EX 9185
LOWRY PHYLLIS DAWN MACDONALD COLLEGE SAWYERVILLE QUE	TCH ELEM 1
LOWSON SHIRLEY GAIL MACDONALD COLLEGE 1194 CLEMENCEAU AVE VERDUN QUE	TCH ELEM 1
LOWTEN OLIVE MARGARET I 605 CANNING ST APT 3 MONTREAL QUE	GR N CERT 1 WE 9022
LOWTHER JIMMIE KERR 248 MORRISON AVE MONTREAL QUE	B SC 1 AT 1051
LOWY RUTH 2227 BARCLAY AVE MONTREAL QUE	B A 1 AT 1664
LUBELSKY RICHARD 740 BLOOMFIELD AVE APT 8 MONTREAL QUE	B ENG 1 GR 6832
LUBIN SHEILA 702 BLOOMFIELD AVE MONTREAL QUE	B A 4 CA 4562
LUCAS ANNE ELIZABETH M ATWATER APTS MONTREAL QUE	B A 1
LUCAS BARBARA JOAN ROYAL VICTORIA COLLEGE 5530 FIFTH AVE PITTSBURGH PA U S A	B A 4 UN 6 0107
LUCIE SMITH DAVID ROSS WILSON HALL SHELL CARIBBEAN PET CO APARTADO 809 CARACAS VENEZUELA	B COM 1
LUDMER ISADORE 919 ROCKLAND AVE OUTREMONT QUE	B ENG 1 TA 5581
LUFFER MARK HENRY 4843 DORNAL AVE MONTREAL QUE	B A 4 AT 3239
LUKACS MARIE JEANNE 2239 HAMPTON AVE MTL HEMMINGFORD QUE	B SC 2 DE 9568
LUKAS ANTHONY 2239 HAMPTON AVE MTL HEMMINGFORD QUE	B COM 4 DE 9568
LUKE PATRICIA ANN MACDONALD COLLEGE 4551 OLD ORCHARD AVE MONTREAL QUE	B SC H EC 3
LUKS SAMUEL 5570 STIRLING AVE MONTREAL QUE	B ENG EL 3 EX 2267
LUNDIE IAN GEORGE W 330 44TH AVE LACHINE QUE	B C L 2 NE5 5607W
LUNDON JOHN ROSS 2095 LINCOLN AVE MONTREAL QUE	B A 2 WI 8693
LUNN RICHARD STANLEY 458 ARGYLE AVE WESTMOUNT QUE	B COM 2 WE 1630
LUNN WILLIAM DAVID 195 OBRIEN BLVD ST LAURENT QUE	L MUS 3 BY 0541
LUPIEN BROOKS HENRY 3530 ONTARIO AVE MTL 945 WARREN AVE BROCKTON 30 MASS U S A	MD CM 1 HA 8557
LU POVICH NORMAN LEWIS 171 EDGEHILL RD WESTMOUNT QUE	B COM 3 EL 6604
LUPU GERALD HARVEY 4710 KENT AVE MONTREAL QUE	B SC 2 EX 0801
LUQUE CAZULLA JOSE E 2055 MANSFIELD ST APT 15 MONTREAL QUE CALLE 18 13A 20 PISO 2 BOGOTA COLOMBIA S A	B ENG MCH 5 LA 3471
LUSSIER BERNARD 4 FILIM BLVD LAVAL WEST QUE	B C L 1
LUX FRANCIS 1452 MACKAY AVE APT 7 MONTREAL QUE	M S W 1 EX 0458

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LUXTON ELEANOR GEORGINA 1455 DRUMMOND ST APT 518 MONTREAL QUE BANFF ALTA	PH D 1 LA 5720
LUYUS LEONARDUS J 23 MONTEE ST LAURENT VILLE ST LAURENT QUE	B ENG 2
LYLE WILLIAM HENRY 623 PRINCE ARTHUR ST W MONTREAL 18 QUE 3987 HUBERT AVE LOS ANGELES 8 CALIF USA	MD CM 4 MA 8707
LYMAN CORINNE 4810 QUEEN MARY RD APT 12 MONTREAL 26 QUE	B A 3 AT 7146
LYMAN GIAN FLORENCE 486 LANSDOWNE AVE WESTMOUNT QUE	MUS B 3 GL 1429
LYN RAMON MALCOLM 3445 PEEL ST MTL NEW BUILDING MANDEVILLE JAMAICA B W I	B SC 2
LYNCH JOHN CHARLES OTTERBURN HEIGHTS QUEBEC	B SC P ED 4
LYON HAZEL 4845 HUTCHISON ST MONTREAL QUE	B A 1 CA 3283
LYON HALL ROBERT CLAUDE 3509 HUTCHISON ST APT 49 MONTREAL SPRING GARDENS BUFF BAY JAMAICA B W I	B ENG MCH 5 PL 5317
LYON HELEN PATRICIA MACDONALD COLLEGE 1441 OAK AVE QUEBEC CITY QUE	B SC H EC 4
LYSTER JOHN EWING MACDONALD COLLEGE SOUTH DURHAM QUE	B SC AGR 3
LYTLE MARGARET MARY MACDONALD COLLEGE 117 SUNNEYSIDE AVE OTTAWA ONT	B SC H EC 4

M

MCADAM EROL JANE MACDONALD COLLEGE CANBORO RD FONTHILL ONT	B SC H EC 1
MCADAM JOHN 11 SPRINGFIELD AVE GREENFIELD PARK QUE	B SC 4 OR 1 6071
MCADAMS CHARLES A 545 PINE AVE MTL 116 HIGH ST ALBUQUERQUE NEW MEXICO	MD CM 3 MA 1545
MCALEAR ARTHUR ALLAN 5520 RANDALL AVE MONTREAL QUE	B ENG 1 EL 7607
MCALLAN JAMES WALTER 2054 MANSFIELD ST MTL 119 GUILFORD ST SAINT JOHN N B	MD CM 1 PL 0489
MCALLISTER ROBERT JOHN 3491 ATWATER AVE MONTREAL QUE	B ENG MET 4 WE 8953
MCARDLE KATHERINE RUTH 51 DUFFERIN RD MONTREAL QUE	B SC 1 EL 1414
MCARTHUR NELSON KIRBY MACDONALD COLLEGE ROUGEMONT STATION QUE	AGR DIP 2
MCASEY JOAN LEY 242 KENSINGTON AVE WESTMOUNT QUE	B A 2 WE 4407
MACAULAY COLIN ALEXANDER 1 PARKSIDE AVE MONTREAL WEST QUE	B ENG MI 4 WA 2382
MACAULAY DOUGLAS HAZEN 633 UNDERHILL PLACE MTL P O BOX 91 HUDSON HEIGHTS QUE	B ENG COM 5 MA 7874
MACAULAY JULIE LEBRUN MACDONALD COLLEGE HUDSON HEIGHTS QUE	B SC H EC 1
MCAULEY GERALD FULLERTON MACDONALD COLLEGE GUNNINGSVILLE N B	B SC AGR 4
MCAUSLANE JOHN MURRAY 4971 EARNSCLIFFE AVE MONTREAL 29 QUE	B SC 4 WA 4380
MCBEAN ROBERT JAMES MACDONALD COLLEGE 56 MARQUETTE AVE WILSON HEIGHTS P O ONT	B SC 2
MCCAFFREY GORDON CHARLES 3592 UNIVERSITY ST MTL C O BEAUHARNOIS POWER CO BEAUHARNOIS QUE	B COM 4
MCCALL ALAN DAVID 613 CLARKE AVE WESTMOUNT QUE	B ENG 2 WE 3358
MCCALL JAMES D 619 CLARKE AVE WESTMOUNT QUE	B ENG MCH 5 WE 3358
MCCALL MARY ISABEL U 28 KENASTON AVE TOWN OF MT ROYAL QUE	B A 3 AT 0143
MCCALL RONALD STORRS 2777 HILL PARK CIRCLE MONTREAL QUE	M A 1 FI 6915
MCCALLUM JOHN ALISON 3508 UNIVERSITY ST MTL BIRCHTON QUE	MD CM 1
MCCANN JAMES BRIAN 2294 WILSON AVE MONTREAL QUE	B ENG CIV 3 DE 5626
MCCANNEL JOHN ARTHUR 1245 REDPATH CRESCENT MONTREAL FAIRLIGHT SASK	MD CM 4 HA 0950
MCCARTHY GERALD JAMES 1608 PIE 10 BLVD MAIS MONTREAL QUE	B C L 3 CH 3990
MCCARTHY MARGARET BRYDON 1617 SHERBROOKE ST W MONTREAL QUE	B A 2 WI 8053
MCCARTNEY BRIAN COLIN WILSON HALL BANFF SPRINGS HOTEL BANFF ALTA	B ENG CH 3 PL 0026
MCCAULEY MAUREEN JANET 156 PERCIVAL AVE MONTREAL WEST QUE	B A 2 DE 9737
MCCLEAN JANETTE SCOTT B 4251 OXFORD AVE N D G MONTREAL QUE	B SC 1 EL 0591
MCCLOSKEY RONALD WILLIAM 3431 DRUMMOND ST MTL 1 GLEN RD WEST HEMPSTEAD NEW YORK U S A	B ENG 2 MA 0243
MCCOMB ROYCE HENRY MACDONALD COLLEGE 195 BOGERT AVE WILLOWDALE ONT	B SC AGR 2
MCCONNELL CHRISTOPHER W 80 SUNNYSIDE AVE WESTMOUNT QUE	B ENG 1 DE 4242

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MACCORDICK HENRY JOHN 3506 UNIVERSITY ST MTL RICHMOND 3 ONT	B SC 3 PL 0150
MCCORMACK KENNETH ROBERT 3555 UNIVERSITY ST MTL 440 SIXTH ST CLARKSTON WASHINGTON U S A	MD CM 3 BE 0310
MCCORMACK RICHARD KLINK 495 PRINCE ARTHUR W APT 18 MONTREAL 410 BRADFORD PKWY SYRACUSE N Y U S A	D D S 1 BE 7684
MCCORMICK GLENDON 1225 MACKAY ST MTL GRANVILLE FERRY R R 1 N S	PH D 3 UN 6 8180
MCCORMICK JOAN ETHEL 210 PORTLAND AVE TOWN OF MT ROYAL QUE	B SC P ED 1 AT 5878
MCCORMICK ROBERTA MAY ANNAPOLIS ROYAL N S	GR N CERT 1
MCCORMICK WILLIAM ALBERT 1441 DRUMMOND ST MTL 1226 DEVONSHIRE RD WINDSOR ONT	B ENG 1 MA 4171
MCCOUBREY WILLIAM NELSON 4027 GREY AVE N D G MONTREAL QUE	B COM 4 EL 0374
MCCRIMMON HELEN M J MACDONALD COLLEGE 2046 DICKSON ST SILLERY QUE	B SC H EC 2
MCCRUDDEN WILLIAM GANDLE 734 UPPER BELMONT AVE WESTMOUNT QUE	B ENG MCH 5 EL 4734
MCCUAIG JAMES AULEY APT 46 5217 SHERBROOKE W MONTREAL QUE	PH D 4
MCCUBBIN GEORGE MARSHALL 2 AMESBURY AVE APT 10 MONTREAL 28 ELIZABETH ST ST JOSEPH DE SOREL QUE	B ENG EL 3 WI 9843
MCCULLOCH HUGH JOHN 3653 UNIVERSITY ST MTL 95 BLAIR RD GALT ONT	B ENG 1 PL 2073
MCCULLOCH RONALD AMES 5586 QUEEN MARY RD HAMPSTEAD MTL QUE	B ENG 1
MCCULLOCH RUTH LOUISE 84 BEVERLEY AVE TOWN OF MT ROYAL 449 RENE AVE PENTICTON B C	PARTIAL EX 1568
MCCULLOUGH EDWARD E 215 39TH AVENUE LACHINE QUE	M A 1 NES 4138J
MCCULLY KEITH ALLEN MACDONALD COLLEGE R R 2 DEBERT N S	B SC AGR 3
MACDONALD ALEXANDER G 5260 RANDALL AVE APT 5 N D G MONTREAL QUE	B ENG PWR 5 HU 8 4319
MACDONALD ELLA 3580A PEEL ST MTL COLEMAN ALTA	GR N CERT 1 HA 2323
MACDONALD IONA BARBETH MACDONALD COLLEGE 115 BROCK AVE NORTH MONTREAL QUE	HOMEMAKER 1
MACDONALD KATHLEEN T 3480 ONTARIO AVE MTL MAIN ST ANTIGONISH N S	M S W 2 PL 0044
MACDONALD MARIANNE 2448 MADISON AVE MONTREAL 28 QUE	B A 3 EL 9980
MACDONALD RONALD DOUGLAS 3637 UNIVERSITY ST MTL 278 HARVARD AVE WINNIPEG MAN	B A 2 MA 1736
MCDONALD RUTH CLAIRE MACDONALD COLLEGE R R 1 LAKEFIELD QUE	TCH INT 1
MACDONALD WILLIAM DAVID MACDONALD COLLEGE R R 4 RIVER JOHN N S	B SC AGR 4
MACDOUGALL BERNARD J R 3476 WALKLEY AVE MONTREAL QUE	M ENG 2 DE 0672
MCDOUGALL DAVID IAN 17 CHESTERFIELD AVE WESTMOUNT QUE	B ENG 1 DE 8380
MACDOUGALL HARTLAND M SARAGUAY QUE	B ENG MCH 3
MACDOUGALL JOHN FINLAY 2085 DECARIE BLVD APT 1 MONTREAL QUE	PH D 2 DE 2068
MACDOUGALL LEONARD D 1782 DUNKIRK RD MONTREAL 16 QUE	B ENG CIV 3 EX 1711
MACDOUGALL SANDRA 25 EDISON AVE ST LAMBERT QUE	B A 1 OR 1 8217
MCDOUGALL SANDRA 32 HOLTON AVE WESTMOUNT QUE	L MUS 1 WI 0233
MCEACHRAN SHEILA M 3119 THE BOULEVARD MONTREAL QUE	B A 3 FI 7240
MCELHERON PETER MICHAEL 5202 WALKLEY AVE APT 6 N D G MONTREAL QUE	B COM 3 DE 2197
MACEWEN ALISON 223 KINDERSLEY AVE TOWN OF MT ROYAL QUE	M S W 1 AT 2761
MCEWEN MURRAY DOUGLAS MACDONALD COLLEGE ORMSTOWN QUE	B SC AGR 4
MACEWAN JOHN ROSS 356 PINE AVE W APT 5 MONTREAL QUE	M SC 1
MCEWEN ROBERT BLAIR 3851 UNIVERSITY ST MTL BOX 32 CARLETON PLACE ONT	MD CM 4 HA 4472
MCEWING JOHN BRUCE HUDSON HEIGHTS QUE	B ENG CIV 4
MCFARLAND HAROLD M 2505 VAN HORNE AVE APT 18 MONTREAL QUE	MD CM 2 EX 3829
MACFARLANE ANDREW RONALD 121 BALLANTYNE AVE N MONTREAL 28 QUE	B ENG MCH 3 DE 0415
MCFARLANE BRUCE ARNOLD 66 KING GEORGE BLVD CROYDEN QUE	M A 1 OR 1 6541
MACFARLANE DOUGALD ALLAN 23 STE ANNE ST STE ANNE DE BELLEVUE QUE UPPER MARJORIE INV CO NOVA SCOTIA	M A 1
MACFARLANE GWEENA LOUISE 490 MOUNTAIN AVE WESTMOUNT QUE	PARTIAL WE 5700
MACFARLANE HUGH THOMAS 121 BALLANTYNE AVE MONTREAL WEST QUE	B A 1 DE 0415

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCFARLANE MARY DOREEN 4883 CONNAUGHT AVE N D G MONTREAL QUE	B SC 4 WA 8035
MACFARLANE ROSE AYLMER R 461 MOUNT PLEASANT AVE WESTMOUNT QUE	B SC 2 WI 0359
MCFETRIDGE HELEN S ROYAL VICTORIA COLLEGE 3937 OSLER ST VANCOUVER B C	B A 1 PL 0113
MCGEE GERALD JOSEPH 5939 DUROCHER ST OUTREMONT QUE	B ENG CIV 5 CR 9684
MCGEE ROBERT TERENCE 1056 STEPHENS AVE VERDUN QUE	B ENG CIV 3 TR 8712
MCGERRIGLE JOHN INNES 3561 HUTCHISON AVE MTL 2020 STUART TERRACE QUEBEC QUE	B SC 3 LA 0564
MCGIBBON DONALD PETER 2219 PRUDHOMME AVE APT 4 MONTREAL PINE HILL COUNTY ARGENTEUIL QUE	D D S 2 HU8 3993
MCGIBBON JAMES GORDON BOX 481 LACHUTE QUE	B ENG 2
MCGILL JOHN WILLIAMSON 4 GRENVILLE AVE WESTMOUNT QUE	B COM 3 EL 2211
MCGILL ROBERT BUNNY 102 CORNWALL AVE MONTREAL QUE	B ARCH 3 AT 0394
MCGILLIS ISOBEL ANNE 225 LAZARD AVE TOWN OF MT ROYAL QUE	B COM 3 AT 8105
MCGILTON GORDON LEONARD 3508 UNIVERSITY AVE MTL STANSTEAD QUE	B A 4 HA 4873
MCGILLIVRAY RUSSELL G 47 KINGS RD VALOIS QUE	M A 2
MCGILLY FRANCIS JAMES 2011 CONNAUGHT AVE MONTREAL QUE	M A 1 DE 4635
MCGLASHAN PATRICIA JUNE MACDONALD COLLEGE 1013 FIRST AVE VERDUN QUE	TCH INT 1
MCGOWAN JAMES JOSEPH 3581 UNIVERSITY ST MTL 759 RAE ST REGINA SASK	B COM 4 MA 3842
MCGOWAN KENNETH 343 BRIXTON AVE ST LAMBERT QUE	B SC P ED 4 OR 1 6474
MCGRAIL RICHARD ALFRED 4515 GRAND BLVD MONTREAL QUE	B COM 2 HU8 5518
MCGREGOR JAMES KENNETH 545 PINE AVE W MTL 320 BAY ST S HAMILTON ONT	MD CM 2
MCGUIGAN BRIAN JOHN 4328 COOLBROOK AVE MONTREAL QUE	B COM 3 EL 7487
MCGUIGAN JAMES FRANCIS 434 BOURGEOYS ST MONTREAL QUE	B C L 2 WI 9916
MCGUIGAN JOYCE ANN 4328 COOLBROOK AVE N D G MONTREAL QUE	B COM 2 EL 7487
MCGUINNESS NORMAN W 53 CEDAR AVE POINTE CLAIRE QUE	B ENG EL 4
MACGUIRE DONALD JAMES THEOLOGICAL COLLEGE 2128 FELDER TERRACE MONTGOMERY ALABAMA USA	S T M 1 HA 4873
MCGURHILL JAMES A G 4516 GIROUARD AVE APT 3 MONTREAL QUE	B ENG 2 WA 9671
MCGURK STANLEY EARL 3420 LACORDAIRE ST MONTREAL 5 QUE	B ENG MCH 4 CL 4606
MCHAFFIE GERALD RALPH MACDONALD COLLEGE R R 1 MORRISBURG ONT	B SC AGR 4
MACHAN JEAN SHIRLEY 12 ST LOUIS AVE DORVAL QUE	B A 4 ME1 1372
MCHARG MARY EVELINE MACDONALD COLLEGE R R 2 LENNOXVILLE QUE	TCH ELEM 1
MACINNES BEVERLEY W 5 SUMMIT CIRCLE MONTREAL QUE	B ENG 2 WE 4675
MCINROY ANDREW JOHN 4174 HARVARD AVE MONTREAL 28 QUE	B ENG EL 4 EL 8334
MACINTOSH CHARLES ROBERT 137 TARA HALL AVE MONTREAL 18 QUE	B ENG CIV 4 LA 5358
MACINTOSH DONALD JOSEPH MTL GENERAL HOSPITAL LISMORE PICTOU CO N S	MED DIPL 4 PL 7751
MCINTOSH IAN MACKANZIE WILSON HALL 46 PRICE ST KENOGAMI QUE	B SC 4
MACINTOSH JAMES A 137 TARA HALL AVE MONTREAL QUE	B ENG MI 4 LA 5358
MACINTOSH PETER CRERAR DOUGLAS HALL 670 MILTON ST APT 6 MONTREAL QUE	B SC 3 PL 3333
MCINTOSH RAE IAN 29 BURTON AVE WESTMOUNT 6 QUE	B COM 1 EL 4260
MCINTOSH ROBERT EDWIN 2234 HARVARD AVE MONTREAL QUE	B ENG 1 WA 8077
MCINTOSH WILLIAM GEORGE 32 PACIFIC ST STE ANNE DE BELLEVUE QUE GARDENVALE QUE	B A 3
MCINTYRE EDMUND HUGH 3508 UNIVERSITY ST MTL ULVERTON QUE	B ENG MET 5 BE 0752
MCIVER JOHN DAVID MACDONALD COLLEGE R R 4 COLBORNE QUE	B SC AGR 1
MACK WILLIAM ROBERT 3601 UNIVERSITY ST MTL 133 SYDNEY ST CORNWALL ONT	B ARCH 6 BE 0046
MCKAY ALEXANDER RONALD 161 APPIN AVE TOWN OF MT ROYAL QUE	B ENG MCH 3 EX 3447
MCKAY CARLYLE DUNCAN 2150 ST JOSEPH BLVD APT 6 MONTREAL QUE 176 STATION ST BELLEVILLE ONT	PH D 3
MACKAY DONALD CYRIL MACDONALD COLLEGE ELMSVILLE CHAR CO N B	PH D 3
MACKAY DOUGLAS KENNETH 5384 CLANRANALD AVE MONTREAL QUE	B ENG 2 EL 5416

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MACKAY JAMES DONALDSON 325 OAK AVE ST LAMBERT QUE	B SC 2
MACKAY JOHN AGRET 770 UPPER BELMONT AVE WESTMOUNT QUE	MD CM 4 EL 5089
MACKAY JOHN ERNEST 2100 MARLOWE AVE WESTMT 126 LANSDOWNE ST FREDERICTON N B	MD CM 3 DE 3571
MACKAY KENNETH HUGH MACDONALD COLLEGE R R 2 UPPER STEWIACKE N S	B SC AGR 4
MACKAY MARGARET LUCIA 4275 WESTERN AVE APT 2 MONTREAL QUE HANEY BRITISH COLUMBIA	M A 2 WI 0400
MACKAY MARILYN JOAN MACDONALD COLLEGE 80 CORNWALL AVE TOWN OF MT ROYAL QUE	TCH INT 1
MCKAY ROBERT JOHN 3610 DUROCHER ST APT 28 MONTREAL QUE	B ENG 2 MA 5462
MACKAY ROBIN 770 UPPER BELMONT AVE WESTMOUNT QUE	B ENG MCH 3 EL 5089
MACKAY VERNON GARNET MACDONZLD COLLEGE NEW GLASGOW R R 2 PICTOU CO N S	B SC AGR 3
MCKEAG PATRICIA ROYAL VICTORIA COLLEGE 149 BROCK ST WINNIPEG MAN	PHYSIOTH 1 PL 0829
MCKEAGE BYRON MUNN 2180 SOUVENIR ST APT 2 MONTREAL QUE ROCK ISLAND QUE	EDUCATION 5 WI 9011
MACKEAN BOYD EDMUND 4330 SIR GEORGE SIMPDON LACHINE QUE	B ENG 1 NE5 2147M
MCKEAN CAROL ANNE MACDONALD COLLEGE 4642 LAFONTAINE ST MONTREAL 4 QUE	HOMEMAKER 1
MCKEAN JANET GORDON 123 STRATHEARN AVE MONTREAL WEST QUE	PHYSIOTH 1 WA 6015
MCKEE DOROTHY IRENE 354 ELM AVE WESTMOUNT 2034 WAVERLY AVE SOUTH BURNABY B C	MD CM 2 GL 3123
MACKEEN JOHN STEWART 3473 UNIVERSITY ST MTL ROTHESAY KINGS CO N B	B A 3 MA 4902
MACKEEN MARJORIE HOWARD ROYAL VICTORIA COLLEGE THE GABLES AYLMER RD HULL QUEBEC	PARTIAL
MCKEEN RODERICK 8 STEWART AVE KAPUSKASING ONT	B SC P ED 1
MCKENNA ANITA 4498 COTE DES NEIGES RD MONTREAL QUE	B A 3 AT 7915
MACKENZIE ALAN STEWART 3445 PEEL ST MTL P O BOX 103 SCOTSTOWN QUE	B ENG 1
MACKENZIE DOUGLAS A MACDONALD COLLEGE R R 1 KNOWLTON BROME COUNTY QUE	AGR DIP 1
MACKENZIE GORDON JACKSON 10039 116TH STREET EDMONTON ALBERTA	M A 2
MACKENZIE IAN MALCOLM 5 YORK AVE WESTMOUNT QUE	MD CM 1
MACKENZIE JAMES R JR 3421 DRUMMOND ST MTL 20 BEULAH AVE HAMILTON ONT	B SC 4 LA 0950
MACKENZIE JOHN HUGH M 4443 ESPLANADE AVE MONTREAL QUE	M COM 1 BE 3582
MACKENZIE MARION ROGER ROYAL VICTORIA COLLEGE 459 BUENA VISTA RD OTTAWA ONT	B SC 1 PL 0211
MCKENZIE MARY CLAIRE MACDONALD COLLEGE 440 GROSVENOR AVE WESTMOUNT QUE	TCH INT 1
MACKENZIE MARY E J ROYAL VICTORIA COLLEGE 20 BEULAH AVE HAMILTON QUE	PHYSIOTH 1
MACKENZIE RALPH EDWARD 3485 MCTAVISH ST MTL P O BOX 363 DALHOUSIE N B	B A 1
MCKEOWN HARTLAND JOHN 672 GROSVENOR AVE WESTMOUNT QUE	B COM 1 WA 2131
MCKEOWN WILLIAM PHILIP 120 ARLINGTON AVE WESTMOUNT QUE	B COM 1 GL 1358
MCKERCHER DONALD ERROL 5888 JEANNE MANCE ST MTL CLOVA QUE	B ENG 2 CR 8311
MACKERSY ANNE STUART ROYAL VICTORIA COLLEGE 330 VESTA DRIVE TORONTO ONT	B SC P ED 1 PL 0113
MACKEY BARBARA ISABEL 44 BURTON AVE WESTMOUNT QUE	B A 3 WA 5268
MACKIE EVELYN JEAN 490 PRINCE ARTHUR ST MTL BEAVERLODGE ALTA	B N 2 MA 4419
MCKIM ANNE ELIZABETH 3057 TRAFALGAR AVE MONTREAL 25 QUE	B A 1
MCKIM ANSON ROSS 3057 TRAFALGAR AVE MONTREAL 25 QUE	B ENG 1 WE 5380
MCKINLEY WILLIAM PERCY MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
MCKINNON ALASTAIR T 3660 LORNE CRESCENT APT 25 MONTREAL QUE	B D 3 BE 2903
MACKINNON GEORGE L C ROYAL VICTORIA HOSP 1445 QUIMET APT 41 VILLE ST LAURENT QUE	MED DIPL 4 PL 1251
MACKINNON MARGARET 3654 HUTCHISON ST MTL 186 SOUTH KINGSWAY TORONTO 3 ONT	MD CM 4
MCKINNON MARVIN B APT 1 NORTH COURT 15 GRAND AVE LONDON ONT	M PS SC 2
MACKINNON MARY PATRICIA 5161 QUEEN MARY RD APT 6 MONTREAL CHURCH ST ANTIGONISH N S	PHYSIOTH 2 HU8 7274

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MACKINTOSH KENNETH IAN 3422 STANLEY ST MTL P O BOX 1646 NASSAU BAHAMAS	B COM 3 LA 6922
MACKLEM PETER TIFFANY 3517 HUTCHISON ST MTL 18 BARRIE ST KINGSTON ONT	MD CM 1 PL 6905
MCKNIGHT BARBARA ETHEL MACDONALD COLLEGE 5613 WELLINGTON ST VERDUN QUE	TCH INT 1
MCKNIGHT THEODORE SAMUEL 172 NAPIER ST HAMILTON ONT	PH D 2
MACLACHLAN ROBERT R THEOLOGICAL COLLEGE P O BOX 223 BUCKINGHAM QUE	B ENG 1
MCLACHLAN WILLIAM BRUCE 5995 SOMERLED AVE N D G MONTREAL QUE	B ENG 1 EL 2914
MCLACHLAN WILLIAM W MACDONALD COLLEGE 700 ABERDEEN AVE WESTMOUNT QUE	AGR DIP 1
MACLAREN ALEXANDER S 138 SECOND AVE OTTAWA ONT	PH D 4
MCLAREN IAN ALEXANDERR 4890 MAYFAIR AVE N D G MONTREAL QUE	M SC 1 DE 0260
MACLAUGHLAN WALTER A 4554 ROYAL AVE MONTREAL QUE	MUS B 2 EL 2824
MCLEAN ALEXANDER PETER H 3478 MCTAVISH ST MTL CIA BANANERA COSTA RICA LIMON COSTA RICA C A	B SC 3 PL 7412
MCLEAN BARRIE ANGUS LEIF 8 PERREAULT ST BOX 817 ST ANNE DE BELLEVUE QUE	MUS QUAL 1
MACLEAN CATRIONA DUNELLA 1180 MACKAY ST APT 1 MTL R R 4 ALEXANDRIA ONT	MD CM 3 FI 4562
MACLEAN DONALD WARDROPE 381 GROSVENOR AVE WESTMOUNT QUE	M SC 1 GL 2529
MACLEAN FRASER ROSS MACDONALD COLLEGE HOPEWELL PICTOU CO N S	B SC AGR 3
MACLEAN GEORGE RICHARD 381 GROSVENOR AVE WESTMOUNT QUE	B COM 2 GL 2529
MACLEAN GEORGENA P 80 HILLCREST AVE MONTREAL WEST QUE	M SC 1 DE 7531
MACLEAN HEATHER FLORENCE ROYAL VICTORIA COLLEGE 98 PRINCE ST CHARLOTTOWN P E I	PHYSIOTH 2
MACLEAN HEATHER JEAN MACDONALD COLLEGE 122 ST CYR AVE MONTREAL EAST 5 QUE	B SC H EC 3
MCLEAN HELEN JOYCE 4193 HAMPTON AVE MONTREAL 28 QUE	PARTIAL EL 3174
MACLEAN JAMES AUBREY 3473 UNIVERSITY ST MTL 3431 JEANNE MANCE ST APT MONTREAL QUE	B D 3 MA 4902
MACLEAN JEAN LENORE 1180 DRUMMOND ST APT 24 REV H MACLEAN DIGBY N S	GR N CERT 1 UN 6 4236
MACLEAN KENNETH SMITH MACDONALD COLLEGE R R NO 2 PICTOU N S	M SC 1
MACLEAN MAIRI MACDONALD 1180 MACKAY ST APT 1 MTL R R 4 ALEXANDRIA ONT	MD CM 3 FI 4562
MCLEAN MARGARET JEAN 7929 DE L EPEE AVE MONTREAL QUE	B A 4 CA 4389
MACLEAN MARY MAXWELL 80 HILLCREST AVE MONTREAL WEST QUE	PARTIAL 0 DE 7531
MACLEAN RICHARD MICHAEL 3508 DUROCHER ST MTL 15 BON ACCORD RD POINTE A PIERRE TRINIDAD B W I	B SC 4 MA 4352
MACLEAN WENDELL 250 GARDENVILLE AVE LONGEUIL QUE	B COM 1 OR 4 4187
MACLEISH ELIZABETH ANN 1537 BURNSIDE PLACE MONTREAL 25 QUE	B SC 4 FI 4543
MACLEISH PATRICIA E MACDONALD COLLEGE 1537 BURNSIDE PLACE MONTREAL QUE	B SC H EC 2
MACLELLAN CHRISTINE A MCLENNAN HALL 95 TEMPERANCE ST NEW GLASGOW N S	B L S 1 PL 0044
MACLELLAN ROBERT S 3581 UNIVERSITY ST MTL 6R GRENVIEW BLVD TORONTO ONT	B SC 3 MA 3842
MACLENNAN DONALD FRASER 2047 VENDOME AVE MTL 126 BROADWAY SYDNEY N S	PH D 3 EL 0023
MACLENNAN MALCOLM SAMUEL 560 BERWICK AVE TOWN OF MT ROYAL QUE	B A 1 AT 3266
MACLENNAN MARGARET A 560 BERWICK AVE MONTREAL 16 QUE	B A 4 AT 3266
MACLENNAN TAYLOR 3478 MCTAVISH ST MTL R R 1 BURLINGTON ONT	B COM 3 PL 7412
MACLEOD ALEXANDER ROSS PRESBYTERIAN COLLEGE 140 TEMPERANCE ST NEW GLASGOW N S	B L S 1
MACLEOD ALLISTER WILLIAM 2159 TUPPER ST APT 8 MTL THE POINT INGONISH CB N S	B COM 2 WE 1300
MACLEOD ANGUS ARCHIBALD 5010 SHERBROOKE ST W APT 21 MONTREAL QUE	M S W 1 EL 0869
MCLEOD DAVID JAMES 3581 UNIVERSITY ST MTL P O BOX 536 MARATHON ONT	B ENG MCH 3 MA 3842
MACLEOD JOANNE MARGARET 563 DAWSON AVE TOWN OF MT ROYAL QUE	PHYSIOTH 2 AT 7772
MACLEOD LLOYD BECK MACDONALD COLLEGE GRAND VIEW P E I	M SC 1
MACLEOD MARY MARGARET MACDONALD COLLEGE BOX 1096 NEW GLASGOW N S	B SC H EC 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCLEOD RACHEL JESSIE 562 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	EDUCATION 5 AT 0609
MACLEOD THEO MURDOCK THEOLOGICAL COLLEGE 349 MAIN ST SAINT JOHN N B	PARTIAL MA 2042
MCLETCHIE MARGARET ANN 746 CHAMPAGNEUR AVE MONTREAL QUE	B A 1 CR 2056
MCLETCHIE UNIE RAE 746 CHAMPAGEUR AVE OUTREMONT QUE	EDUCATION 5 CR 2056
MCLUSKIE WILLIAM P G 1047 DESMARCHAIS BLVD VERDUN QUE	B ENG 2 PO 6 2986
MCMAHON ROBERT THOMAS MACDONALD COLLEGE BOX 654 LACHUTE QUE	B SC AGR 2
MCMANUS JOHN WILLIAM 1325 DECARIE BLVD APT 6 MONTREAL QUE	B A 4 BY 6324
MACMARTIN BRUCE DONALD THEOLOGICAL COLLEGE MARTINTOWN ONT	U C 2 BE 0752
MACMILLAN CHARLES C 9626 LASALLE BLVD VILLE LASALLE QUE	MD CM 3 WA 9235
MACMILLAN DUNCAN ROBERT 9626 LA SALLE BLVD VILLE LA SALLE QUE	MD CM 2 WA 9235
MACMILLAN GEORGE SHAW 1541 ST MARK ST APT 15 MONTREAL ALBERRY PLAINS P E I	B SC 2
MACMILLAN JOHN KINGSTON MACDONALD COLLEGE BLACK LAND REST CO N B	B SC AGR 4
MACMILLAN NORMAN I 1671 SHERBROOKE ST W MTL ST ANDREWS WEST ONT	B ENG 1 WI 1684
MACMILLAN SHEILA 26 DOBIE AVE TOWN OF MT ROYAL QUE	B A 4 AT 1828
MCMURTRIE MARGERY A ROYAL VICTORIA COLLEGE 940 1ST AVE W OWEN SOUND ONT	B A 4 PL 0847
MCNABB SHIRLEY ANNE ROYAL VICTORIA COLLEGE 24 MONKLAND AVE OTTAWA ONT	B A 3 PL 0829
MACNAIN MARGARET JOAN MACDONALD COLLEGE 5558 QUEEN MARY RD MONTREAL 29 QUE	B SC H EC 2
MCNALLY HERBERT BIRKETT 25 REDPATH PLACE MONTREAL QUE	B C L 1 BE 2798
MACNAUGHT JOHN WILLIAM 501 CLAIRMONT AVE WESTMOUNT QUE	B SC 2
MCNAUGHTON VIRGINIA MAY 20726 LAKESHORE RD BAIE D URFE QUE	PARTIAL
MACNEIL DONALD JOHN 3466 MCTAVISH ST MTL 38 TENNYSON RD WEST NEWTON MASS U S A	MD CM 3 LA 9533
MCNICHOLS SARA LYNN ROYAL VICTORIA COLLEGE 916 EAST FELLOWS ST DIXON ILLINOIS U S A	B A 1
MCNICOLL DIANNE BELL 148 COTE ST ANTOINE RD WESTMOUNT QUE	B A 4 FI 9012
MCNULTY JOHN RILEY 3561 HUTCHISON ST MTL 20 LEROY SY POTSDAM N Y U S A	MD CM 4 LA 0564
MCOUAT DONALD WILLIAM MACDONALD COLLEGE P O BOX 23 LACHUTE QUE	B SC AGR 4
MCOUAT FRANCES ALLISON MACDONALD COLLEGE ST ANDREWS EAST QUE	B SC H EC 4
MCPHAIL MARILYN CLIFFORD MACDONALD COLLEGE 54 LINCOLN AVE GALT ONT	B SC H EC 4
MACPHEE DONALD JOSEPH 3602 DUROCHER ST APT 12 MONTREAL 46 SUMMER ST SUMMERSIDE P E I	MD CM 2
MCPHEE DUNCAN SIMON 4800 CTE ST CATHERINE RD APT 5 MONTREAL QUE VANKLEEK ONT	B SC 2 RE3 6270
MCPHEE GEORGE BERTRAM 3585 HUTCHISON ST APT 301 MONTREAL P O BOX 53 OKRA HILL NASSAU BAHAMAS	MD CM 4 HA 5847
MACPHEE JOHN ELMER 4949 QUEEN MARY RD MTL SOURIS P E I	D D S 3
MCPHERSON ALEXANDER B 3508 UNIVERSITY ST MTL NANTON ALBERTA	S T M 1 BE 0752
MCPHERSON DELROY W 258 SHERBROOKE ST W MTL MANDEVILLE JAMAICA B W I	B SC 4 BE 7102
MACPHERSON HUGH A 4862 ROSEDALE AVE MONTREAL 29 QUE	B ENG 1 DE 0271
MCPHERSON IAN EDWARD 3417 MELROSE AVE APT 11 MONTREAL QUE	LL M 2 EL 3031
MACPHERSON JEAN JAY MACLENNAN HALL 16 RUPERT ST OTTAWA ONT	H L S 1
MCPHILLIPS BRIAN 554 PRINCE ARTHUR W MONTREAL QUE	MED DIPL 3 BE 4063
MACQUARRIE ELIZABETH ANN 320 BALLANTYNE AVE N MONTREAL WEST QUE	B SC P ED 3 EL 2813
MACQUARRIE HEATH NELSON BRANDON COLLEGE BRANDON MANITOBA	PH D 4
MACRAE ARTHUR WILLIAM M 3473 UNIVERSITY ST MTL 1469 DRUMMOND ST APT 92 MONTREAL 25 QUE	B D 1 MA 4902
MACRAE DONALD ROBERT 218 SELBY ST MTL P O BOX 177 LACHUTE QUE	B COM 1 WE 5248
MCRAE MURRAY EVERET 1465 OUIMET ST APT 10 VILLE ST LAURENT QUE 10 ALLEN AVE MIMICO ONT	B ENG CIV 5 BY 7417

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MACRAKIS NICHOLAS S 521 PRINCE ARTHUR ST W MONTREAL QUE PSYCHIKO ATHENS GREECE	PH D 2 MA 0856
MCROBERT MARILYN 12 NORTHCOTE RD HAMPSTEAD QUE	B A 1 WA 2321
MCROBERT STANLEY CHARLES 12 NORTHCOTE RD HAMPSTEAD QUE	B ENG MCH 3 WA 2321
MACSWEEN DONALD JOHN A 6216 MONKLAND AVE N D G MONTREAL QUE	B SC 1 EL 5134
MCTAGGART ANDREW NEIL 3581 UNIVERSITY ST MTL 980 JERUIS ST VANCOUVER B C	MD CM 2 MA 3842
MCTAGGART GEORGE DUNCAN 499 VICTORIA AVE WESTMOUNT QUE	B ENG 2 GL 4787
MACWATT DAVID JOHN LOGAN 4845 CTE ST CATHERINE RD MONTREAL QUE	MED DIPL 3 AT 7376
MACEY CYNTHIA JANE 30 BALLANTYNE AVE MONTREAL WEST QUE	B SC 1 DE 8887
MACHLOVITCH SEYMOUR 3748 KENT AVE MONTREAL QUE	B C L 1 EX 1787
MADDEN KENNETH NEIL 5125 PRINCE OF WALES N D G MONTREAL QUE	B A 2 EL 2057
MADIGAN BRENDAN FRANCIS 7261 DE L EPEE AVE MONTREAL QUE	B COM 3 CA 6746
MADSEN EUGENE FRANK 491 ST CROIX BLVD VILLE ST LAURENT QUE	MD CM 1 RI4 2175
MAGASANIK DANIEL 4918 JEAN BRILLANT MONTREAL QUE	B ENG 1
MAGILL FRANK 865 DAVAAR AVE OUTREMONT QUE	B SC 1 CA 9992
MAGINNES EDWARD ALEX MACDONALD COLLEGE 186 HAWTHORNE AVE OTTAWA 1 ONT	B SC AGR 1
MAGNAN ROSE MARIE P 4600 KING EDWARD AVE N D G MONTREAL QUE	B A 4 WA 7923
MAGOR MURRAY CHURCHILL 6645 TERREBONE AVE N D G MONTREAL QUE	B C L 2 HU 8 5051
MAGUIRE GERARD HUGH 2050 PATRICIA AVE APT 7 N D G MONTREAL QUE	MD CM 3 EL 9703
MAGYAR WILLIAM BELA 5345 CAVENDISH BLVD N D G MONTREAL QUE	B ENG MI 5 HU8 4654
MAHAR THELMA AGATHA 655 16TH AVE APT 2 LACHINE QUE	PHYSIOTH 2 NE 5 0668
MAHARAJH MAHABIR 1025 SHERBROOKE ST W MONTREAL 192 STEWART ST OTTAWA ONT	PARTIAL 0 BE 0336
MAHATOO WINSTON H 1022 SHERBROOKE ST W MTL SIPARIA TRINIDAD B W I	B SC 4 MA 0387
MAHEU YVES RENE 3474 MCTAVISH ST MTL 5393 BRODEUR N D G MONTREAL QUE	B ENG CIV 5 LA 2730
MAHOMED JOHN ARTHUR 3244 VERDUN AVE VERDUN QUE	B ENG MCH 4 TR 4830
MAHON JOHN HAROLD 70 KILBARRY CRESCENT OTTAWA 2 ONT	PH D 4
MAHURIN EDVIRD ARTHUR 378 METCALFE AVE WESTMOUNT 1222 24TH NORTH SEATTLE 2 WASH U S A	MD CM 1 WI 8087
MAIER RICHARD MILLER 3434 MCTAVISH ST MTL 3613 ALHAMBRA COURT CORAL GABLES FLORIDA U S A	B COM 3 PL 4492
MAINQUY WILLIAM NEVILLE 4900 ROSLYN AVE MONTREAL QUE	B ENG 1 AT 6675
MAIZEL NORAH LEE 869 MCEACHRAN AVE MONTREAL QUE	M A 1 DO 3368
MAIZEL SANDRA DIANE 869 MCEACHRAN AVE MONTREAL QUE	B A 2 DO 3368
MAJEAU HENRIE LIONEL 8966 ST HUBERT ST MONTREAL 12 QUE	B ENG EL 4 VE 4494
*MAJED RAJA F M THEOLOGICAL COLLEGE EDWARDS COLL 2 WILLCOCKS PESHAWAR PAKISTAN	M A 1
MAKIN HARRY GORDON 29 LILAC AVENUE DORVAL QUE	PH D 2 ME1 3302
MAKONNEN ADUNYA 3436 DUROCHER ST APT 9 MONTREAL MINISTRY OF EDUCATION ADDIS ALABA	MD CM 1 LA 8078
MAKRAY TAMAS 3426 STANLEY ST MONTREAL QUE	B ENG CH 5 BE 0360
MALAMUD IRWIN MACDONALD COLLEGE 3889 VAN HORNE AVE MONTREAL QUE	B SC AGR 1 EX 8650
MALCOLM ROBERT CALVIN 4317 MADISON AVE MONTREAL 28 QUE	B SC 4 EL 3765
MALCOLM THOS ROSS A 1 MALCOLM RD WESTMOUNT QUE	B A 4 FI 7547
MALDOFF AVRUM ORRIN 923 HARTLAND AVE MONTREAL QUE	B COM 2 AT 3348
MALINA BERNIE 763 CHAMPAGNEUR ST APT 2 OUTREMONT QUE	B ENG 1 TA 8655
MALKIN AARON 1245 REDPATH CRESCENT MONTREAL 145 MACHRAY AVE WINNIPEG MAN	GRAD QUAL 1 HA 0950
MALLORY CLIVE R MACDONALD COLLEGE 9 CONDOVER RD POINTE CLAIRE QUE	B SC AGR 1
MALLORY MERILYN EMILY MACDONALD COLLEGE 315 ROSEDALE BLVD WINDSOR ONT	B SC H EC 1
MALLOY MICHAEL KEITH 3851 UNIVERSITY ST MTL 36 BELGRAVE RD OTTAWA ONT	B ENG CIV 4

DIRECTORY OF STUDENTS

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MALMO DAVID BEVERLEY 814 GRAHAM BLVD TOWN OF MT ROYAL QUE	B COM 3 DE 0366
MALMQUIST ANNI KARIN MACDONALD COLLEGE 3922 ST ANDRE ST MONTREAL 24 QUE	TCH ELEM 1
MACRAE HERBERT FARQUHAR MACDONALD COLLEGE MIDDLE RIVER VICT CO N S	B SC AGR 3
MALMQUIST REIJO 3922 ST ANDRE ST MONTREAL QUE	B ENG 1 FR 5075
MALOMET ALVIN 3923 DROLET ST MONTREAL QUE	B ENG CIV 4 MA 1074
MALONE LAWRENCE BRIAN 3592 UNIVERSITY ST MTL 669 LAVIOLETTE AVE THREE RIVERS QUE	B ENG 1 PL 2435
MALTBY DOUGLAS WILLIAM L 347 DECARIE BLVD MONTREAL 9 QUE	B ENG 1 BY 0834
MALTINSKY JACOB JOSEPH 87 MCNIDER AVE OUTREMONT QUE	B COM 3
MAMELAK ROSE 4568 HUTCHISON ST MONTREAL QUE	PH D 3 VI 8810
MANDELCORN ROSALYN MACDONALD COLLEGE 4979 CTE ST CATHERINE RD MONTREAL QUE	TCH INT 1
MANHART JOHN DANIEL 1585 DECARIE BLVD APT 24 656 SO HUDSON AVE LOS ANGELES CAL U S A	MD CM 2
MANKTELOW OLIVER JOHN A MACDONALD COLLEGE R R 3 NORTH GOWER ONT	AGR DIP 1
MANLEY KARL LAURISTON 3473 UNIVERSITY ST MTL 6 LEIGHTON RD CROSS RDS P O JAMAICA B W I	B COM 4 MA 4902
MANLEY ROCKLIFFE ST JOHN 3473 UNIVERSITY ST MTL 6 LEIGHTON RD CROSS RDS JAMAICA B W I	PH D 3 MA 6221
MANN ALAN MACDONALD 5419 DUQUETTE AVE MONTREAL QUE	MED DIPL 3 WA 7829
MANN GORDON HARLEY 224 PRINCE ARTHUR AVE ST LAMBERT QUE	B ENG 1 OR 1 1574
MANN LEAH ELLA MACDONALD COLLEGE MATAPEDIA QUE	TCH ELEM 1
MANN PHYLLIS ELSIE MACDONALD COLLEGE NEW RICHMOND STATION QUE	TCH ELEM 1
MANN RHODA TERRY 702 HARTLAND AVE OUTREMONT QUE	B SC 1 AT 8117
MANNING FRANCIS SCOTT 421 PRINCE ARTHUR ST W MONTREAL DR F F MANNING TRAFALGAR ST BRIDGETOWN BARBADOS B W I	B ENG CH 3 HA 1503
MANNING JOHN CALVIN 3578 UNIVERSITY ST MTL RICHMOND QUE	B COM 3 MA 9577
MANNING WILLIAM PATRICK 421 PRINCE ARTHUR ST W MONTREAL DR F F MANNING TRAFALGAR ST BRIDGETOWN BARBADOS B W I	B ENG CH 3 HA 1503
MANOLOVICI ALICE A 3470 MOUNTAIN ST MONTREAL QUE	B A 4 LA 1608
MANOUKIS DEMOSTHENES N 1540 GUY ST APT 2 MONTREAL QUE	B ENG COM 5 WE 8721
MANTHA ANDRE GUY 10340 JEANNE MANCE ST MONTREAL QUE	B ENG 1 DU 4035
MANZ HOWARD NORMAN DOUGLAS HALL BOX 268 LEMBERG SASK	B A 2
MANZO DOMENIC JOSEPH 7463 DROLET ST MONTREAL QUE	B A 4 TA 1942
MARCHAND MICHAEL KLEIN 4927 VAN HORNE AVE MONTREAL QUE	B A 2 EX 9356
MARCHANT PETER STANHOPE APT 7 1132 BURNSIDE MONTREAL QUE	B SC 4 HA 6508
MARCHESSAULT ROBERT H 145 SPRINGFIELD AVE GREENFIELD PARK QUE	PH D 3 OR1 9617
MARCIVITZ BERNARD 859 CHAMPAGNEUR AVE OUTREMONT QUE	B SC 3 CR 8183
MARCOTTE PIERRE ALEX 624 PRINCE ARTHUR ST MTL 410 NOTRE DAME ST THETFORD MINES QUE	B COM 4 MA 0823
MARCUS ROBERT 5140 BESSBOROUGH AVE MONTREAL QUE	B ENG 2 DE 6494
MARCUS VIVIAN PATRICIA 936 HARTLAND AVE OUTREMONT QUE	B A 1 AT 6511
MARGO RUTH EDITH 4445 MAYFAIR AVE N D G MONTREAL QUE	PHYSIOTH 2 EL 2084
MARGOLESE IRWIN 635 OUTREMONT AVE MONTREAL QUE	B SC 1 DO 6646
MARIEN BREEN NORMAN 1530 BERNARD AVE W APT 17 OUTREMONT QUE	MED DIPL 3 CA 7935
MARIN BARBARA ANN 378 WOOD AVE WESTMOUNT QUE	M S W 2 FI 5161
MARIN GODFROY 3555 ATWATER AVE APT 106 MONTREAL QUE	B A 4
MARION CLAUDE AIME 4215 DE LA ROCHE MTL 131 SUNNYSIDE AVE OTTAWA ONT	B ENG COM 4
MARIS ADRIANOS 4660 QUEEN MARY RD APT 27 MONTREAL QUE	B COM 1 MA 6951
MARKANEN MURRAY EARL 3485 MCTAVISH ST MTL 12 LAWRENCE AVE E TORONTO ONT	B ENG CIV 3 MA 0141
MARKSON DORIS MANON 44 ABERDEEN AVE WESTMOUNT QUE	M A 1 WI 6939

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MARKUS NATHAN 2054 VICTORIA ST MONTREAL 2 QUE	M S W 1 LA 2880
MARKUS ROBERTA LANDER 2054 VICTORIA ST MONTREAL QUE	PARTIAL LA 2880
MARLER GERIC 1559 MCGREGOR ST MONTREAL QUE	M A 1 FI 7145
MARLER PETER DE M 3778 COTE DES NEIGES RD MONTREAL QUE	M SC 2 FI 7045
MARMOR MURRAY 5315 HUTCHISON ST MONTREAL QUE	B A 2 GR 3624
MARMUR ROSE 4283 ST URBAIN ST MONTREAL QUE	M S W 1 PL 3309
MARQUIS JOSEPH LAURENT Y 3406 ST HUBERT ST APT 8 ISLE VERT QUE	B ENG EL 4 HA 7795
MARS HAROLD 5022 COTE DES NEIGES RD APT 2 MONTREAL QUE	B SC 1 AT 4970
MARSH BRUCE KELVIN 6594 CHRISTOPHER COLOMB MONTREAL 10 QUE	B ENG 1 DO 2540
MARSH HARRY HARRISON DOUGLAS HALL 660 BEVERLY RD PITTSBURGH 16 PA U S A	MD CM 2 BE 7741
MARSHALL DAVID MACKLIN 433 METCALFE AVE WESTMOUNT QUE	B COM 1 FI 2181
MARSHALL JOAN MAY MACDONALD COLLEGE 5060 GLENCAIRN RD MONTREAL 6 QUE	B SC H EC 1
MARSHALL JUDITH MACKLIN 433 METCALFE AVE WESTMOUNT QUE	B COM 2 FI 2181
MARSHALL KENNETH GEORGE DOUGLAS HALL 11125 SASKATCHEWAN DRIVE EDMONTON ALTA	B A 3
MARSTON RICHARD GAY 1429 BISHOP ST MONTREAL 25 QUE	B A 4 PL 5720
MARTIAL JEAN ALBERT 558 KINDERSLEY TOWN OF MT ROYAL QUE	B C L 4 EX 8036
MARTIN BEATRICE ETHEL 3480 ONTARIO AVE MTL 156 EASTON AVE MONTREAL WEST QUE	PHYSIOTH 2 PL 0044
MARTIN JAMES VINCENT 3590 ST JOSEPH ST LACHINE QUE	B SC 1 NE5 2267R
MARTIN JEAN ELIZABETH MACDONALD COLLEGE DEWITTVILLE QUE	TCH INT 1
MARTIN JOHN PATRICK 4689 WESTMOUNT AVE WESTMOUNT 6 QUE	B A 2 EL 3531
MARTIN JOHN WARKNEH 3995 MAPLEWOOD AVE APT 2 P O BOX 5 ADDIS ABABA ETHIOPIA	MD CM 2 EX 8693
MARTIN ROSEMARY SELENE MACDONALD COLLEGE FOSTER QUE	TCH ELEM 1
MARTIN ELIZABETH JOAN MACDONALD COLLEGE 435 GREEN ST ST LAMBERT QUE	B SC H EC 4
MARTIN FERNAND 850 DESFRES ST ST HYACINTHE QUE	M A 1
MARTIN SAUL AVRUM 5123 ST URBAIN ST MONTREAL QUE	B A 4 DO 3485
MARTIN STUART MORISON 3445 PEEL ST MTL 157 STRATHCONA AVE N HAMILTON ONT	B D 1 HA 9462
MARTZ SYLVIA CELIA 6269 DEACON RD MONTREAL QUE	M S W 1 EX 8400
MARVEN FRANCES MARY 1245 ST MARK ST MONTREAL 25 QUE	B A 2 WI 6704
MARWOOD BETTY MARGUERITE 194 PARK ST S APT 6 HAMILTON ONT	M S W 2
MARX HERBERT 4469 ESPLANADE AVE MONTREAL QUE	B A 1 LA 0502
MASHAAL MOSHI 4298 ST URBAIN ST MONTREAL QUE	B SC 2 MA 3418
MASK DONALD JOSEPH 2745 HUTCHISON AVE MTL BARRYS BAY ONT	B ENG 2
MASON KATHRYN HARRIS 4100 COTE DES NEIGES RD MONTREAL QUE	B C L 2 FI 1214
MASSICOTTE GEORGES J P MACDONALD COLLEGE 1000 110TH ST SHAWINIGAN QUE	B SC AGR 4
MASSE JOHN A 3867 HARVARD AVE MONTREAL QUE	B ENG 2 DE 8205
MASSON MICHEL 3512 DUROCHER ST MONTREAL QUE	M A 2
MASSON PETER CHARLES MACDONALD COLLEGE 569 STANSTEAD AVE TOWN OF MT ROYAL QUE	B SC AGR 3
MASTERMAN MARILYN MARY 3429 DRUMMOND ST MTL 27 IMPERIAL ST OTTAWA ONT	M A 2 PL 0884
MASTERS LLOYD HERMAN 3647 UNIVERSITY ST MTL 97 MAPLE AVE SHAWINIGAN FALLS QUE	B ENG 2 MA 2806
MASTRIANNI ANTHONY F 545 PINE AVE W MTL 131 NO SECOND ST MECHANICVILLE N Y U S A	MD CM 3 MA 1545
MATALON ISAAC HEZKEL E 4761 BARCLAY AVE MONTREAL QUE	B ENG 1 RE 3 2757
MATHER DEREK HALLIDAY 4099 SHERBROOKE ST W WESTMOUNT QUE	B COM 3 WI 1522
MATHER GRAEME KENNETH 4099 SHERBROOKE ST W MONTREAL QUE	B ENG 1 WE 1522
MATHESON DAVID MELVILLE 4820 ROSLYN AVE MTL 13 ORMODE RD LONDON S W 14	B A 2
MATHESON MAIRI ELIZABETH MACDONALD COLLEGE 289 CLEMOW AVE OTTAWA ONT	B SC H EC 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MATTHEWS JOHN SMITHSON MACDONALD COLLEGE 458 LAKESHORE RD BEAUREPAIRE QUE	B SC AGR 3
MATHEWSON SAMUEL JAMES 223 GRAHAM BLVD DORVAL QUE	B ENG CH 3 ME 1 3670
MATHIEU MARGUERITE 5627 COTE DES NEIGES RD MONTREAL 26 QUE	PARTIAL EX 8770
MATHISON JAMES FREDERICK 3255 RIDGEWOOD RD APT 1 MONTREAL QUE	PH D 4 AT 1867
MATSAS LOUCAS CONSTANTIN 3668 DUROCHER ST MONTREAL QUE	M ENG 1 BE 0802
MATTHEW WILLIAM ANTHONY REMEMBRANCE RD ROSEMERE QUE	B COM 1 4731
MATTHEWS ROMA YVONNE 2315 HINGSTON AVE MONTREAL QUE	EDUCATION 5 DE 1506
MATTHEWS RONALD S 770 HARTLAND AVE OUTREMONT QUE	B ARCH 4 AT 8844
MATTHEWS SHEILA KAE 52 LAKESHORE RD VALOIS QUE	TCH ELEM 1 PC 3609
MATULIS HEINRICHS MACDONALD COLLEGE 4071 ST URBAIN ST MONTREAL QUE	B SC AGR 4
MATUSIAK MARVIN EDWARD 3532 LORNE AVE MTL 197 HINTON AVE OTTAWA ONT	M ENG 1
MATZKO PETER 1621 DE BULLION ST MONTREAL QUE	B SC 3 HA 4697
MAU NICHOLAS 3508 UNIVERSITY ST MTL 2287 MALNOIT ST ST HYACINTHE QUE	B ENG MCH 5 BE 0752
MAUER ERIC ARTHUR 3785 DUPUIS AVE APT 17 MONTREAL QUE	B COM 2 EX 7229
MAUGHAM EDGAR LEWIS 7797 OUTREMONT AVE MONTREAL QUE	B C L 3 CR 6413
MAUGHAN JOHN FREDRICK 545 PRINCE ALBERT AVE MONTREAL QUE	B COM 4 DE 5343
MAUREL GASTON RAYMOND 5676 JEANNE MANCE ST MTL CANTAGREL PAR MAYRAZES AVEYRON FRANCE	B ENG 2 GR 0165
MAURER ANDRE 5523 12TH AVE ROSEMOUNT MONTREAL QUE	B ENG 2 FR 6420
MAUS JOHN WILLIAM 4331 WALKLEY AVE MONTREAL QUE	B ENG 1 WA 3768
MAXIMCHUK ARLENE JOYCE APT 8 2254 DORCHESTER ST MONTREAL QUE	PARTIAL FI 7687
MAXWELL DOROTHY JUNE ROYAL VICTORIA COLLEGE 523 KING EDWARD AVE OTTAWA ONT	B COM 4 PL 0526
MAY GORDON BRUCE 5471 12TH AVE RSMT MONTREAL 36 QUE	B COM 1 AM 1213
MAY LYMAN ALBERT 3508 UNIVERSITY ST MTL STANSTEAD QUE	B A 2 HA 4873
MAYERS ALEXANDER 778 DAVAAR AVE OUTREMONT QUE	B ARCH 6 DO 4335
MAYERS ROSE TAUB MACDONALD COLLEGE 778 DAVAAR AVE OUTREMONT QUE	TCH ELEM 1
MAYNE BERNICE MACDONALD COLLEGE 5823 JEANNE MANCE ST MONTREAL QUE	TCH ELEM 1
MAYO JOYCE ESTHER MACDONALD COLLEGE RENFORTH KINGS CO N B	B SC H EC 4
MAYOTTE HUBERT JOSEPH 2695 BARCLAY AVE APT 5 MONTREAL QUE	B ENG MCH 3 EX 3191
MAZER NICKOLAS LEO 479 PRINCE ARTHUR ST MTL RAMA SASK	D D S 3
MEADLEY REGINALD FRANK 367 SHERBROOKE ST W MTL PORT STANLEY ONT	B ENG CIV 5 PL 0205
MEADOWS FRANK HAROLD 5180 ST JOSEPH ST LACHINE QUE	B SC 2 NE5 0231M
MEATH WILLIAM JAMES 127 CIRCLE RD BIGRAS ISLAND QUE	B SC 1 MU 1 1552
MEEKS CHARLES WILLIAM 3570 SHUTER MTL 11 NORMAN RD KINGSTON JAMAICA B W I	D D S 1 HA 2544
MEEKS CORINA AURELIA 3570 SHUTER MONTREAL QUE	M S W 1 HA 2544
MEIER EVELYN 790 CHAMPAGNEUR AVE MONTREAL QUE	B SC 1 GR 0301
MEIKLE BRIAN KEITH M CHATEAUGUAY BASIN QUE	B SC 3 206 J
MELAMED MORRIS 796A CHAMPAGNEUR AVE MONTREAL QUE	B ENG 1 GR 2972
MELAMED SAMUEL 4868 MELROSE AVE MONTREAL QUE	M SC 2 HU8 4846
MELANCON CLAUDE RAYMOND 3643 HENRI JULIEN AVE MONTREAL QUE	B ENG 2 PL 7462
MELANSON ROLAND JOSEPH 4839 WILSON AVE MONTREAL QUE	B ENG MCH 3 EL 6908
MELEGA STEPHEN 4150 DE BULLION ST MTL 139 BURGER ST WELLAND ONT	B ENG 1 MA 6539
MELENKA FRANK JOSEPH 200 PINE AVE EAST MTL C O GEN DELIVERY STE AGATHE DES MONTS QUE	B SC 1 LA 0898
MELETOPOULOS ALEXANDER 252 METCALFE AVE WESTMT SOLONOS 10 ATHENS GREECE	B ENG CIV 5 FI 2763
MELLEN BEVERLY ANN 57 STRATFORD RD MONTREAL QUE	B A 2 WA 3087
MELNIKOFF BORIS MICHAEL 4900 CLANRANALD AVE APT 5 MONTREAL QUE	B SC 3 DE 4568
MELO CORTAZAR ALVARO 421 PRINCE ARTHUR ST W MONTREAL CALLE 67 NO 16 23 BOGOTA COLOMBIA	B ARCH 5 HA 1503

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MELTON IRENE ROSLYN 815 DE L EPEE AVE OUTREMONT QUE	B COM 3 DO 8353
MELTZER BENJAMIN 4540 CLARKE ST APT 1 MONTREAL QUE	B ENG 1 HA 4035
MELVILLE ENID LORRAINE 4937 CIRCLE ROAD MONTREAL QUE	B A 2 EL 4200
MELZAK ZDZISLAW ALEX 2027 JEANNE MANCE MONTREAL QUE	PH D 2
MENARD DONALD JOSEPH 631 PRINCE ARTHUR MONTREAL QUE	B SC P ED 4 HA 1946
MENDEL JOSEPH 4534 HARVARD AVE N D G MONTREAL QUE	B COM 3 DE 0891
MENDELSON JEWEL MACDONALD COLLEGE 785 WILDER AVE OUTREMONT QUE	HOMEMAKER 1
MENDES PETER COLIN 3960 BENNY AVE APT 32 MONTREAL QUE	B A 1 WA 7432
MENKES RENE 5137 CAVENDISH N D G MONTREAL QUE	B ARCH 4 EL 8126
MENNIE WILLIAM ALEXANDER 334 CATHCART ST OTTAWA ONT	M A 2
MENTHA GUY GILBERT 5430 CORNATION AVE MONTREAL QUE	B A 3 HU 8 6295
MENZIES MARGARET HELEN R V C 15 ROSEDALE AVE OTTAWA ONT	GRAD QUAL 1 MA 0993
MERCER GWENNETH FRANCES MACDONALD COLLEGE 1265 MOFFAT AVE VERDUN QUE	TCH ELEM 1 HE 6425
MERCER JOHN DENNIS 35 JUNCTION RD GRAND FALLS NFLD	B ENG CH 4
MERCER JOHN HAINSWORTH 1242 REDPATH CRESCENT MONTREAL QUE TRELISSER TERRACE NEW QUAY ENGLAND	PH D 3
MERCIER JOSEPH A 1441 DRUMMOND ST MTL P O BOX 153 WATERBURY CENTER VERMONT U S A	PH D 1 MA 4171
MERCIER RAYMOND PAUL 1370 CREVIER ST VILLE ST LAURENT QUE	B SC 2 BY 6949
MERCK JUDITH FRIEDRIKE ROYAL VICTORIA COLLEGE EAGLERIDGE FARM WEST ORANGE N J U S A	B A 3
MERGL JOSEPH PAUL 3485 MCTAVISH AVE MTL 1084 CORYDON AVE WINNIPEG MAN	D D S 3 MA 0141
MERGLER LEO 6001 COTE ST LUC HAMPSTEAD QUE	MED DIPL 3 DE 2029
MERIE JOSEPHINE N 253 WOODLAND AVE VERDUN QUE	MD CM 4 HE 5402
MERKLEY HAROLD WILLIAM MACDONALD COLLEGE 313 SECOND AVE OTTAWA ONT	B SC AGR 2
MERLIN SHIRLEY FAYE 5579 CLANRANALD AVE MONTREAL QUE	MUS QUAL 1 EX 9877
MERLING EARL MELVIN 2800 ST CATHERINE RD MONTREAL QUE	B A 2 AT 9755
MERLING SHELDON SOLOMON 2800 ST CATHERINE RD MONTREAL QUE	B A 4 AT 9755
MERRILL LESLY ISOBELLA 954 BUCHANAN ST ALBANY 6 CALIFORNIA USA	M A 3
MERRITT DONALD THOMAS MACDONALD COLLEGE GRAND FALLS N B	B SC AGR 4
MERRITT VETHA BERYL 456 PINE AVE W APT A 1 MONTREAL 7 BEVERLEY ST OTTAWA ONT	PARTIAL MA 6964
MERROW ADIN RALPH 3501 SHUTER ST APT 3 MTL 176 NO FRANKLIN ST NYACK N Y U S A	MD CM 3 LA 6688
MERROW MARJORIE JOAN 3501 SHUTER ST APT 3 MONTREAL QUE	M A 2 LA 6688
MERSEREAU GUYON PAUL M 57 LAKESHORE RD VALOIS QUE	B SC 2
MESMER ROGER EDWARD G 2157 TUPPER ST MTL 422 BIRD AVE BUFFALO 13 N Y U S A	MD CM 1
MESSINGER MARION JOY 271 ST CATHERINE RD OUTREMONT QUE	B A 4 CR 5929
MESTER SOLOMON R 4382 VAN HORNE AVE MONTREAL QUE	B ENG 1
METCALF RUTH ALTA 117 KENASTON AVE MONTREAL QUE	PHYSIOTH 1 AT 3105
METRAKOS JOHN GEORGE 3535 ST FAMILLE ST MONTREAL QUE	B ENG MET 3 PL 5526
MEYER LONA EVELYN MACDONALD COLLEGE BROOKDALE QUE	TCH ELEM 1
MEYER SOREL JOAN 5031 GROSVENOR AVE MONTREAL QUE	B A 2 AT 8944
MEYER VALERIE ROYAL VICTORIA COLLEGE 424 EAST 52ND ST NEW YORK N Y U S A	B A 1
MEZEI LESLIE 733 HARTLAND AVE MONTREAL QUE	B SC 4 AT 1612
MICHAEL JOSEPH 1235 BERNARD AVE W APT 6 OUTREMONT QUE	M SC 1 CA 7371
MICHALSKI ANDRE 2479 MESSIER ST MONTREAL QUE	B A 1 HO 2649
MICKLEA DAVID GEORGE 7350 MOLSON ST MTL 1238 CHILVER RD WINDSOR ONT	B SC 1 CR 9797
MIERZWINSKI ALEXANDER 2163 MONTGOMERY ST MONTREAL QUE	B C L 3 AM 3102
MIHELICH WALTER GEORGE 3472 SHUTER ST APT 3 MTL P O BOX 144 BOURLAMAQUE QUE	B ENG CH 3 PL 2969

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MIKALACHKI MEL MILEVOY 9340 CHATEAUBRIAND AVE MONTREAL QUE	B ENG MCH 3 DU 9956
MIKELBERG HENRY 5308 JEANNE MANCE ST MONTREAL QUE	D D S 3 TA 3278
MILES JAMES EDWARD 3621 LORNE CRESCENT AVE NANAIMO B C	MD CM 4 BE 4717
MILETICS TIBOR MATTHIAS 8160 DE L EPEE AVE MONTREAL QUE	B ENG CIV 4 GR 1949
MILFORD GEORGE NOEL JR 3420 UNIVERSITY ST MTL LIVERPOOL N S	PH D 4
MILIC SINISA STANLEY 3815 COLONIALE AVE MONTREAL QUE	PARTIAL
MILKS JOHN EDWARD 1562 PINE AVE W MONTREAL QUE	PH D 3 FI 0571
MILL FRANK THOMAS HENRY 3648 PARK AVE APT 8 MONTREAL QUE	B ENG 1 PL 9497
MILLAR BEVERLY HELEN 57 CURZON AVE MONTREAL WEST QUE	PHYSIOTH 2 DE 3152
MILLAR ERIC PETER 95 EASTON AVE MONTREAL QUE	D D S 2 DE 1309
MILLAR JAN MARGARET 57 CURZON AVE MONTREAL WEST QUE	B SC 2 DE 3152
MILLER ANTHONY FERDINAND PRESBYTERIAN COLLEGE 224 GLADSTONE AVE OTTAWA ONT	B COM 2 MA 0141
MILLER BERNARD 2054 MANSFIELD ST MONTREAL QUE	PH D 2 PL 0489
MILLER BRENDA JEAN ROYAL VICTORIA COLLEGE 178 HANNA RD LEASIDE ONT	B SC P ED 1 PL 0596
MILLER CATHARINE C H C 5896 JEANNE MANCE ST MONTREAL QUE	GR N CERT 1 CR 6444
MILLER IRVING WILLIAM 5193 DUROCHER AVE MONTREAL QUE	B C L 3 CR 6571
MILLER JAMES BERNARD 551 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B COM 4
MILLER JERRY IRWIN 6335 MOUNTAIN SIGHTS MONTREAL QUE	B ARCH 2 EX 7839
MILLER JOSEPH PATRICK 65 LAFLEUR AVE VILLE LA SALLE QUE	B C L 2 WA 3526
MILLER MAIDA 1210 LAJOIE OUTREMONT QUE	M S W 1 CR 4581
MILLER MORRIS 6220 DE VIMY ST MONTREAL QUE	PH D 4 EX 3827
MILLER RAE MILNE MACDONALD COLLEGE 5 BELVEDERE AVE PARRY SOUND ONT	B SC H EC 2
MILLER RALPH PALMER DOUGLAS HALL 240 UNIVERSITY AVE FREDERICTON N B	MD CM 4 PL 5790
MILLER ROBERT MELVIN 4865 CTE ST CATHERINE RD APT 17 MONTREAL QUE	M S W 2 RE3 6381
MILLIARD JEAN MARC 2048 METCALFE ST MTL 545 COMMERCIALE ST LA TUQUE QUE	B COM 1 PL 0940
MILLIGAN LESLIE JEAN 525 NOTRE DAME ST ST LAMBERT QUE ARCOLA SASK	B A 1 OR1 6408
MILLINCHAMP CLAIRE L MACDONALD COLLEGE 21 PERREAULT AVE STE ANNE DE BELLEVUE QUE	B SC H EC 3
MILLOWITZ STUART 5830 HUDSON RD MONTREAL QUE	B A 1 AT 4225
MILLS FRED CAMERON DOUGLAS HALL DALHOUSIE N B	MD CM 1 BE 1656
MILLS JOHN ALEXANDER 567 GROSVENOR AVE WESTMOUNT QUE	MD CM 3
MILLS LEONARD ARTHUR 3581 LORNE AVE APT 8 MONTREAL QUE	B ENG MET 5 BE 6607
MILNE ALEXANDER D W 611 EGAN AVE VERDUN QUE	B ENG 2 TR 6707
MILNE ALEXANDER FORREST 226 ST JOSEPH ST LACHINE QUE	B ENG 2 NE5 3381W
MILNE ALLEN RITCHIE 3532 LORNE AVE MTL 170 SANFORD AVE RIDEAU VIEW P O OTTAWA ONT	M SC 1 PL 7477
MILNE GEORGE HECTOR F 5371 COOLBROOKE AVE MTL 120 ALMONT AVE NEW GLASGOW N S	B ENG MCH 5 WA 8329
MILNE HELEN HAMILTON MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC H EC 4
MILNE JAMES BRODRICK RM 1038 CTL Y M C A DRUMMOND ST MTL QUE	B ENG 1
MILNE KENNETH MERVYN 94A OBRIEN BLVD MONTREAL 9 QUE	B ENG 2 BY 8931
MILNE MURIEL FRANCES 94A O BRIEN BLVD VILLE ST LAURENT QUE	MUS QUAL 1 BY 8931
MILNER JOHN PETER 4250 SHERBROOKE ST W MTL 37 CADOGAN LANE LONDON S W 1 ENG	B A 1 FI 7117
MILNER PETER MARSHALL 3654 OXENDEN AVE APT 11 MONTREAL 18 QUE	PH D 4
MILNER WILLIAM HENRY C DOUGLAS HALL 5 HALIMAR CONSTANT SPRING JAMAICA B W I	B COM 2 HA 6831
MILOSEVICH MAGDA ROYAL VICTORIA COLLEGE C O MRS ROSE 80 08 135TH ST APT 516 NEW GARDENS L I N Y USA	M A 1
MILROY PATRICK SAMUEL DOUGLAS HALL ALCANTARA 1055 SANTIAGO CHILE	B ENG 2 LA 3503

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MINDLIN ALLAN IRWIN 382 ST CATHERINE RD OUTREMONT QUE	B SC 4 TA 2821
MINGIE PETER GEORGE 5717 MONKLAND AVE N D G MONTREAL QUE	MD CM 1 EL 2923
MINKIEWICZ MIECZYSLAW D 5137 MONTCLAIR AVE MONTREAL QUE	B ENG PHY 5 WA 6802
MINNES DOUGLAS ROGER MACDONALD COLLEGE 11 EUCLID AVE OTTAWA ONT	B SC AGR 1
MINTZ HARRY 4945 CIRCLE RD N D G MONTREAL QUE	B SC 2 DE 5082
MIRANDA MATILDE ROYAL VICTORIA COLLEGE MACEO 23 PUERTO PADRE ORIENTE CUBA	B A 2 PL 0829
MIROSHNICHENKO ALEXANDRE 4611 JEANNE MANCE ST MONTREAL QUE	B ENG 1
MIROSHNICHENKO NICOLA O 4611 JEANNE MANCE ST MONTREAL QUE	B SC 2 LA 0716
MITCHELL ERNEST MANLIFF 275 MELVILLE AVE WESTMOUNT QUE	B D 1 WI 0165
MITCHELL IAN HAY 596 LANSDOWNE AVE WESTMOUNT QUE	B ENG 1 EL 2422
MITCHELL JOAN LOUISE 1687 PROVOST ST LACHINE QUE	B SC 3 NE5 5120W
MITCHELL JOHN NELSON MACDONALD COLLEGE 283 PORTLAND AVE TOWN OF MT ROYAL QUE	B SC AGR 1 AT 9990
MITCHELL NANCY WORTH ROYAL VICTORIA COLLEGE 136 DUNVEGAN RD TORONTO ONT	B A 2
MITCHELL NELSON STEWART 3421 DRUMMOND ST MTL 71 ELGIN ST GRANBY QUE	B A 2 LA 0950
MITCHELL PHILIP ALAN 234 STRATHEARN AVE MONTREAL WEST QUE	B SC 2 WA 1787
MITCHENER JAMES WALTER 1200 DECARIE BLVD APT 5 VILLE ST LAURENT QUE	MD CM 2 RI 4 4526
MIYAKE SUNREY 5599 ST URBAIN ST MONTREAL QUE	B ENG 2 VI 8848
MIZGALA JOHN GEORGE 4653 LACOMBE AVE MONTREAL QUE	B COM 1 AT 6714
MIZRAHI ROGER VICTOR 5760 MONKLAND AVE MONTREAL QUE	M ENG 1
MLYNARYK PETER 4005 ST URBAIN ST MONTREAL QUE	MD CM 1 BE 7772
MOCKRIDGE ELIZABETH ANN 324 MERCILLE AVE ST LAMBERT QUE	B A 2 OR1 8448
MODESTA SISTER MARY ST MARYS HOSPITAL LACOMBE AVE MONTREAL QUE	PARTIAL AT 4711
MOE GILBERT PALMER 545 PINE AVE W MTL 125 HANOVER RD MOUNTAIN LAKES N J U S A	MD CM 1 MA 1545
MOFFAT CAROL ANN ROYAL VICTORIA COLLEGE 44 YORKLEIGH AVE WESTON ONT	B SC P ED 1 PL 0596
MOFFAT WILLIAM WRIGHT 545 PINE AVE W MTL R R 1 PORT COLBORNE ONT	MD CM 4 MA 1545
MOFFATT BARBARA JOAN ROYAL VICTORIA COLLEGE 211 FOURTH AVE OTTAWA ONT	B A 3 MA 0210
MOFFATT PETER RAYMOND 3R54 MENTANA ST MONTREAL QUE	B ENG PWR 5 FR 8132
MOFFATT WILLIAM JOHN 3733 WESTMOUNT BLVD WESTMOUNT QUE	B ENG 2 DE 1352
MOFFITT ROBERT JAMES 1227 SHERBROOKE ST W MONTREAL QUE	B COM 3 PL 3806
MOHIUDDIN DURWAISH S 3628 PARK AVE MONTREAL QUE	M SC 1
MOHN OTTO UNITED THEOLOGICAL COLL 305 ELM AVE DOLBEAU QUE	B ENG 1 HA 4873
MOIDELL BRUCE ERIC 8 PAGNUELO AVE MONTREAL QUE	B A 3 DO 4242
MOISAN CLAUDE 3445 STANLEY ST APT 5 MONTREAL QUE	B COM 3 HA 5485
MOLLOT LAWRENCE ALFRED E OKA QUE	B A 2
MONAGAS JOSE GREGORIO 3433 DECARIE BLVD MONTREAL QUE	B ENG 1 EL 7109
MONAHAN ROBERT LEONARD 3515 LORNE AVE MTL ALDER MONTANA USA	PH D 3 MA 8249
MONAKER HELAINE 4211 MELROSE AVE N D G MONTREAL QUE	B A 1 DE 9007
MONCADO GUIDO LEONARDO 258 SHERBROOKE W MTL LA CEIBA HONDURAS C A	B ENG 1
MONCRIEFF MARGARET JEAN 3578 A PEEL ST MTL 1718 LEIGHTON RD VICTORIA B C	GR N CERT 1 BE 1287
MONEKE CHUKWUNYELU CHAS 258 SHERBROOKE WEST MONTREAL QUE	B SC 1 BE 7102
MONEY PETER LAWRENCE 58 MONTROSE AVE VALOIS QUE	B SC 1
MONTGOMERY GEORGE BARRY 3951 CAVENDISH AVE MONTREAL QUE	B COM 1 DE 1223
MONTGOMERY WILLIAM G 3436 DUROCHER ST APT 12 138 THE KINGSWAY TORONTO 18 ONT	B ENG 1
MOODY ELIZABETH R V C 295 BROADWAY AVE WINNIPEG MAN	L MUS 2 PL 0327
MOODY HARRY JOHN 227 KENSINGTON AVE APT 9 WESTMOUNT QUE BIRSAY SASKATCHEWAN	PH D 2 WE 4559
MOONEY CRAIG MCDONALD 16 GREGORY ST BRAMPTON ONT	PH D 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MOORE ERNEST JAMES 255 WILLIBRORD ST VERDUN QUE	B ENG EL 3 YO 4750
MOORE JANE ELIZABETH ROYAL VICTORIA COLLEGE 82 SENECA ST OTTAWA ONT	B A 3 PL 0327
MOORE REXANNE WURTELE ROYAL VICTORIA COLLEGE 7 CONNAUGHT AVE HALIFAX N S	B SC P ED 3 PL 0495
MOORE ROBERT WILSON MACDONALD COLLEGE SHUBENACADIE N S	B SC AGR 4
MOORE THOMAS HOWARD 3241 FOREST HILL APT 11 MONTREAL QUE	PH D 3 EX 9372
MOOYBOER JOHANNE ELAINE ROYAL VICTORIA COLLEGE 423 QUEBEC ST SHERBROOKE QUE	B A 3 PL 0327
MORAN C LEO MACDONALD COLLEGE STE ANNE DE BELLEVUE	D D S 4
MORCH JOHN EDWARD 3653 UNIVERSITY ST MTL BOX 227 BELLEVILLE ONT	MD CM 1 PL 2073
MOREAU JOSEPH HUBERT 5705 16TH AVE RSMT MTL 1045 QUEENS AVE VICTORIA B C	D D S 4 TU 8429
MORENCY JEAN CHARLES E 857 CHARLEVOIX ST MONTREAL QUE	B COM 4 WI 8500
MOREYNE BERNARD 2211 MAPLEWOOD AVE MONTREAL QUE	B COM 4 AT 5810
MORGAN DAVID REES 434 LANSDOWNE AVE MTL 5 NEWLANDS MANOR LYMINGTON HANTS U K	B SC 3 GL 2128
MORGAN LEONARD IRVINE MACDONALD COLLEGE 962 MANAWAGONISH RD FAIRVILLE N B	MD CM 4
MORGAN MARY JEAN 4394 WESTERN AVE MONTREAL QUE	B SC P ED 2 WE 3431
MORGENSTERN GERT F 4792 VICTORIA AVE MONTREAL 6 QUE	B SC 3 EL 9957
MORGENSTERN RELLY H 2985 MAPLEWOOD AVE APT 8 MONTREAL QUE	PARTIAL BE 8621
MORIN GASTON D 8423 WAVERLEY MONTREAL QUE	MED DIPL 2 VE 3952
MORIN GUY EDOUARD JOSEPH 5489 COTE ST ANTOINE MONTREAL QUE	B ARCH 2 EL 5204
MORIN JEAN 500 PINE AVE W MTL 49 LANGEVIN HULL QUE	B ENG CIV 4 BE 0327
MORIN MARCEL 1455 GALT AVE MONTREAL QUE	B ENG 2 TR 8733
MORNAN BARBARA JOAN 2065 PATRICIA AVE MONTREAL QUE	B A 2 DE 9469
MORRELL DONALD LEONARD 4544 KENSINGTON AVE MONTREAL 28 QUE	B ENG 1 DE 6223
MORRIS CATHARINE ANNE 20 ELLERDALE RD HAMPSTEAD MTL QUE	B A 1 WA 6470
MORRIS DANIEL 3805 DUPUIS AVE MONTREAL QUE	B C L 4 EX 7541
MORRIS FREDERICK EDMOND 4977 MARIETTE AVE N D G 217 BERTHIER ST ARVIDA QUE	B ENG EL 4 DE 3375
MORRIS HUGH LAURENCE 3561 HUTCHISON ST MTL 11956 FOXBORO DR LOS ANGELES 49 CAL U S A	MD CM 1
MORRIS KATARINE LOUISE ROYAL VICTORIA COLLEGE 10 RITCHIE AVE TRAIL B C	B COM 2 PL 0180
MORRIS RUTH KATHARINE 574 STANSTEAD AVE MONTREAL 16 QUE	M S W 3 AT 6185
MORRIS SAUL 11 AINSLIE AVE OUTREMONT QUE	B A 3 TA 9696
MORRISETTE CHARLES DEAN 3506 UNIVERSITY ST MTL 2 MAPLE AVE BEAUPRE QUE	B ENG 1 UN 60169
MORRISON ALVIN RONALD 5205 MAYFAIR MONTREAL 29 QUE	B ENG CIV 3 EL 4359
MORRISON AUDREY HELENA MACDONALD COLLEGE BOX 9 LACHUTE QUE	TCH INT 1
MORRISON G ROLFE 5951 MOLSON AVE ROSEMOUNT MTL QUE	B SC 3 CR 9488
MORRISON HELEN 82 ST ANDREWS RD BAIE D URFE QUE 822 6TH ST ARVIDA QUE	HANDICRFT 1
MORRISON KENNETH DONALD 1537 ST MATTHEW ST APT 10 MONTREAL WINDSOR ARMS HOTEL TORONTO ONT	B A 3 FI 0987
MORRISON ROBERT MILTON 495 PRINCE ARTHUR APT 18 47 MONTROSE AVE PORTLAND ME U S A	MD CM 1 BE 7684
MORRISON ROBERT NEIL DOUGLAS HALL P O BOX 252 LA TUQUE QUE	B ENG MCH 5 PL 6984
MORRISON RODERICK A 5093 DUROCHER AVE OUTREMONT QUE	B ENG MCH 3 CR 2839
MORRISON ROSS ALBERT 1568 TRENTON AVE TOWN OF MT ROYAL QUE	B ENG 1 AT 7412
MORRISON THOMAS SANDALL 5175 RANDALL AVE APT 9 MONTREAL QUE	B ENG 1 EL 6588
MORROW EDWINA BEVERLY MACDONALD COLLEGE R R 1 COOKSHIRE QUE	TCH ELEM 1
MORROW HENRY THEOLOGICAL COLLEGE 1290 CRAWFORD BRIDGE CRAWFORD PK VERDUN QUE	PARTIAL MA 4902
MORSE GORDON ERIC 224 ST JOSEPH BLVD E APT 6 MONTREAL 223 SOMERSET WEST OTTAWA ONT	B ENG MCH 4 LA 8401
MORSE PETER WILTON DOUGLAS HALL 172 WELLINGTON ST OTTAWA ONT	B COM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MORTLOCK JOAN ALICE MACDONALD COLLEGE 91 CLARENDON AVE OTTAWA ONT	B SC H EC 3
MORTIN IRVING 209 SAVANNAH AVE MATTAPAN MASS USA	M S W 2
MORTON ERNEST RODNEY 4961 QUEEN MARY RD APT 10 MONTREAL 29 QUE	PH D 3 Ex 0407
MORTON NANCY JEAN MACDONALD COLLEGE 10 ORMSBY CRESCENT TORONTO ONT	B SC H EC 4
MORTON RICHARD SUMMERTON MACDONALD COLLEGE KENTVILLE R R 1 KINES CO N S	B SC AGR 4
MOSCOVITCH FANNY FRANCES 356 ST CATHERINE RD MONTREAL QUE	B A 3 TA 1347
MOSCOVITZ IRMA BARBARA 4612 WILSON AVE N D G MONTREAL QUE	B A 2 EL 7916
MOSES VICTOR ALLISON MACDONALD COLLEGE DAYTON YARMOUTH NORTH YARMOUTH N S	B SC AGR 3
MOSHER GARTH EVERETT 4323 HARVARD AVE MONTREAL 28 QUE	B COM 2 WA 8520
MOSHER PETER DOUGLAS 3592 UNIVERSITY ST MTL 86 MAPLE AVE SHAWINIGAN FALLS QUE	B ENG 2 PL 2435
MOSS DANIEL 3951 DROLET ST MONTREAL QUE	B ENG 1 PL 6616
MOSS HARVEY 3790 BARCLAY AVE APT 5 MONTREAL QUE	B A 1 Ex 1293
MOSSMAN CAROLYN EMILY 2090 CLAREMONT AVE APT 46 N D G MONTREAL QU ROSE BAY LUNENBURG CO N S	PH D 4
MOSSOP JOHN WILLIAM 3592 UNIVERSITY ST MTL SOUTH LANCASTER ONT	B ENG MI 3 PL 2435
MOULDS GORDON MARS 3420 UNIVERSITY ST MTL JOFFRE AVE MCMASTERVILLE QUE	PH D 4
MOULTON WILLIAM HARVEY 3581 UNIVERSITY ST MTL 2186 BYNG RD WINDSOR ONT	B ENG MCH 3 MA 3842
MOUNT MARY RUTH C MACDONALD COLLEGE 4670 CHRISTOPHE COLOMB MONTREAL QUE	TCH INT 1
MOURATIDES ANASTASIO 3423A HUTCHISONS ST MTL 75 YERBAL ST BUENOS AIRES ARGENTINA	B COM 3 MA 9260
MOUSSALLI ROGER JOSEPH MACDONALD COLLEGE 1290 PINE AVE MONTREAL QUE	PARTIAL
MOWAT MARGARET PAULINE 4065 GREY AVE MONTREAL QUE	B SC 3 DE 3662
MOWAT PATRICIA ROSE 4065 GREY AVE MONTREAL QUE	B A 1 DE 3662
MOZIE JAMES OSI OMEZZE HOLTS SAPELE NIGERIA WEST AFRICA	M SC 1
MRAZIK PAUL JR 13 MACDONALD VILLE ST LAURENT QUE	B ENG CIV 5 BY 1464
MUELLER GEORGE VALENTINE 4215 WESTERN AVE MONTREAL QUE	PH D 2 FI 4212
MUHLUDDIN ABUL H M DIOCESAN COLLEGE JOYAG NOAKHALI EAST PAKISTAN	M A 1
MUIR ELIZABETH MAY 21 PRINCIPAL ST BEAUHARNOIS QUE	B SC P ED 1
MUIR MARGARET M ROYAL VICTORIA COLLEGE 21 PRINCIPAL ST BEAUHARNOIS QUE	B A 2 PL 0327
MUIR WILLIAM GEORGE 4838 MAYFAIR AVE N D G MONTREAL QUE	B COM 2 WA 3819
MUIR WILSON BURNETT 627 LANSDOWNE AVE WESTMOUNT QUE	B SC 4 WA 6985
MUIRHEAD JOHN FRASER 3466 MCTAVISH ST MTL 87 U ST SALT LAKE CITY 3 UTAH U S A	MD CM 3 LA 9533
MULAS ALBERTO 3422 STANLEY ST MTL 3 PONIENTE 725 PUERLA PUE MEXICO	B ENG CH 5 MA 0526
MULKINS DONALD HOTHAM 860 43RD AVE LACHINE QU 13 MAPLE AVE PORT COLBORNE ONT	B ENG EL 4
MULLALLY CHARLES JOHN 53 PROSPECT ST WESTMOUNT QUE	B ENG EL 4 WE 5032
MULLIGAN WILLIAM P B 539 PINE AVE W MTL ROUTE 2 MARYSVILLE WASHINGTON U S A	MD CM 1 LA 7628
MUNDEN EARL WILLIAM SPELLER AND OXFORD OTTERBURN PARK QUE	B SC 4
MUNGALL ALLAN GEORGE 1633 ST LUKE ST APT 6 MONTREAL QUE	PH D 2 WE 6471
MUNNICH MATTHEW 2320 LINCOLN AVE APT 10A MONTREAL QUE	MD CM 2 WE 6525
MUNOZ STANLEY ROBERT 3950 RIDGEVALE AVE APT 7 MONTREAL QUE	B A 1 AT 8786
MUNRO ANN MCCRAW ROYAL VICTORIA COLLEGE 17 BEAUMONT AVE GRAND FALLS NFLD	B SC 1 MA 0030
MUNRO ELIZABETH ANN 779 UPPER BELMONT WESTMOUNT QUE	B A 4 EL 4755
MUNRO HEATHER 527 VICTORIA AVE WESTMOUNT QUE	B A 2 GL 1367
MUNRO ROBERT MACDONALD COLLEGE 45 LORINDALE AVE TORONTO ONT	B SC AGR 2
MUNZING GEORGE EDWARD 3815 LAVAL AVE APT 3 MONTREAL QUE	B ENG 1 MA 0921

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MURCHISON JOHN TAYLOR 3910 CAVENDISH AVE MONTREAL QUE	LL M 1 WA 6060
MURDOCH DONALD MILTON 618 PINE AVE ST LAMBERT QUE	B ENG PWR 5 OR 1 8979
MURDOCK GEORGE ALBERT 3565 HUTCHISON ST MTL MAIN ST LOGGIEVILLE N B	MD CM 3 LA 2016
MURPHY DONALD BRUCE ROBB 4708 WESTERN AVE WESTMOUNT QUE	B SC 1 GL 4560
MURPHY FREDERICK GEORGE DOUGLAS HALL 142 ALMA ST MONCTON N B	MD CM 3 PL 7880
MURPHY GEORGE ROSS 66 ABERDEEN AVE WESTMOUNT QUE	B SC 4 DE 9779
MURRAY DONALD MACINTOSH 570 MILTON ST APT 15 MONTREAL 18 QUE	B COM 2 LA 7436
MURRAY FRANCIS EDWARD MACDONALD COLLEGE 376 KER AVE VICTORIA B C	PH D 3
MURRAY HAAKON OLIVER L 3202 MAPLEWOOD AVE APT 10 MONTREAL QUE	MED DIPL 4 EX 9124
MURRAY JAMES ALEXANDER 3811 ROYAL AVE MONTREAL 28 QUE	B COM 4 DE 7621
MURRAY JOHN ALBERT 7 THRUSH AVE STRATHMORE QUE	B ENG EL 4 ME 1 3820
MURRAY KENNETH JOHN W 3508 UNIVERSITY ST MTL BRACEBRIDGE ONT	B D 2
MURRAY LOUIS GEORGE 3655 OXENDEN AVE MTL GOLDEN VALLEY CP SOUTH AFRICA	PH D 4 MA 3014
MURRAY MARGARET ROSSLYN MACDONALD COLLEGE 7 THRUSH AVE STRATHMORE QUE	B SC H EC 4
MURRAY MARION DAWN 3643 UNIVERSITY ST APT 1 MONTREAL QUE	PARTIAL LA 3311
MURRAY MARY ATHOL 208 WOLSELEY AVE MONTREAL WEST QUE	B A 3 EL 9767
MURRAY ROBERT ALEXANDER MACDONALD COLLEGE SCOTSBURN PICTOU CO N S	B SC AGR 3
MURTY GRANDHI VENKATA R 3641 PARK AVE MTL GRANDHI YELLAYYA CHETTY 7 56 SANDY RAJAHMUNDRY MADRAS STATE INDIA	M A 1 HA 3466
MUST OLAF ILMAR 1528 MOUNTAIN ST APT A MONTREAL QUE	B COM 3 HA 2036
MUTCHLER AGNES K 1445 CRESENT ST MONTREAL QUE	PARTIAL HA 5506
MYERS BETTY JUNE MACDONALD COLLEGE 131 HIGH ST ASHLAND OHIO USA	PH D 1
MYERS THELMA ELEANOR 5344 MONKLAND AVE MONTREAL QUE	B A 4 WA 4176

N

NAME ADDRESS	COURSE & YEAR TEL. NO.
NACHSHEN SAM 4543 CLARK ST MONTREAL QUE	B COM 4 LA 9089
NADELL GUITA 2800 WILLOWDALE AVE MONTREAL QUE	B A 2 AT 2068
NADON GUY 7190 DELORIMIER ST MONTREAL QUE	B ENG CIV 3 DO 7762
NAGUS MARCIA 5129 CLANRANALD AVE MONTREAL 29 QUE	B A 3 EL 0733
NAGY JOHN 3434 CITY HALL AVE MONTREAL 18 QUE	B ARCH 4
NAIMARK ALLAN PETER 4900 CEDAR CRESCENT MONTREAL QUE	B SC 1 AT 3378
NAIMARK LILA 4815 HUTCHISON ST MONTREAL QUE	B SC 1 DO 3492
NAIMER GERALD 5637 CANTERBURY AVE MONTREAL QUE	B ENG 2 AT 2706
NAIMER JEWEL TYRILLE 6072 WILDERTON AVE MONTREAL QUE	MUS QUAL 1 AT 9058
NAIMER NATALIE BERNICE 6070 WILDERTON CRESCENT MONTREAL QUE	B SC 1 EX 2682
NAKASHIMA RUIKO 7495 PAPINEAU AVE MONTREAL QUE	B SC 3 GR 5053
NASH PAUL 5777 COTE ST LUC RD APT 12 MONTREAL QUE	PARTIAL HU8 5626
NASSIEF MICHAEL PHILIP 3581 JEANNE MANCE ST MTL MARKET SQUARE ROSEAU DOMINICA B W I	B ENG 1 LA 9341
NASSIF NORMA ANITA MACDONALD COLLEGE 2020 PARK AVE THREE RIVERS QUE	B SC H EC 4
NATHAN BARBARA JOYCE 884 DAVAAR AVE OUTREMONT QUE	B A 1 CA 5356
NATHANSON ELAINE 5570 BRADFORD PLACE MONTREAL QUE	B SC 2 EX 2531
NATHANSON MILDRED S 4570 RIDGEVALE AVE APT 10 MONTREAL QUE	B A 4 EX 2466
NATHENS MARVIN 7986 BIRNAM ST MONTREAL QUE	B SC 1 CR 9790
NATURMAN LOUIS 1185 MOUNT ROYAL BLVD W OUTREMONT QUE	B ENG CH 5 CR 2518
NAULT GABRIEL 4832 HUTCHISON ST MTL 569 NIVERVILLE ST THREE RIVERS QUE	B ENG 1
NAYLOR RACHEL CLARE 3461 NORTHCLIFFE AVE N D G MONTREAL QUE	B A 1 DE 5439
NEALE BARBARA RUTH 47 BEACONSFIELD BLVD BEACONSFIELD QUE	EDUCATION 5

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NAME ADDRESS	COURSE & YEAR TEL. NO.
NEIL MARION FRANCES MACDONALD COLLEGE 291 BROADWAY HICKSVILLE L I NEW YORK U S A	TCH INT 2
NEILL BEVERLEY CLARENCE 116 HEBERT ST VILLE ST LAURENT QUE R R 1 DUNANY QUE	B ENG 2 BY 6606
NEIMAN GREGORY M A 5365 VICTORIA AVE APT 6 MONTREAL QUE	MED DIPL 4 EX 8331
NEISS ALVIN ELY 582 DAVAAR AVE OUTREMONT QUE	B A 1 CR 7802
NELSON ROBERT LOUIS 2089 ALYMER ST MTL 25 LINDEN AVE KENMORE 17 N Y USA	MD CM 1 HA 3614
NEMET FRANK STEPHEN 7225 STUART AVE MONTREAL QUE	B ENG 2 VI 5594
NEMETH JOHN 439 WOOD AVE MONTREAL QUE	LL M 2 FI 8717
NEMIROFF STANLEY ALLEN 740 WILDER AVE OUTREMONT QUE	B ENG PHY 3 AT 5669
NEMSER RUBY DIANE ROYAL VICTORIA COLLEGE 49 WEST 12TH STREET NEW YORK CITY U S A	B A 3 PL 0477
NERNY MAURICE EUGENE 953 STE PHILIPPE ST MONTREAL QUE	B A 4 WE 2018
NESS MARGARET BERNICE MACDONALD COLLEGE HOWICK QUE	AGR DIP 2
NESS OWEN MACGREGOR MACDONALD COLLEGE HOWICK QUE	M SC 1
NETH EDWARD JOSEPH 3571 HUTCHISON ST MTL 42 EAST THORME ST BRIDGEPORT CONN U S A	MD CM 4 PL 8821
NETH WILLIAM FRANCIS 3571 HUTCHISON ST MTL 42 EAST THORME ST BRIDGEPORT 6 CONN U S A	MD CM 2 PL 8821
NETTEL STEPHEN 4161 MELROSE AVE MONTREAL 28 QUE	B. ENG PHY 4 WA 6036
NETTLETON GEORGE HARVEY 3519 LORNE CRESCENT MTL 13 LINDEN TERRACE OTTAWA ONT	B COM 4 MA 4889
NEUER LEON 5020 PARK AVE MONTREAL QUE	B ENG 1 PL 4015
NEUMAN ALAN ABRAHAM 4990 FULTON AVE MONTREAL QUE	B SC 2 EX 1547
NEVARD HENRY BALLON 4377 WESTMOUNT AVE MONTREAL QUE	B C L 1 DE 5886
NEWBY JACK DEAN 3508 UNIVERSITY ST MTL 510 MCGUIRE RD R R 2 SARDIS B C	D D S 3 BE 0752
NEWCOMB EMAN BECK 3457 REDPATH ST MONTREAL 25 QUE	B A 3 HA 7864
NEWCOMB MARY ELIZABETH 3457 REDPATH ST MONTREAL QUE	B A 3 HA 7864
NEWCOMBE DAVID 3517 HUTCHISON ST MTL 27 HOUSTON ST WEST ROXBURY MASS U S A	MD CM 1 PL 6905
NEWMAN AKIVA OSCAR 122 DULUTH W MONTREAL QUE	B SC 1 BE 2223
NEWMAN ELAINE B S 3841 MELROSE AVE N D G MONTREAL QUE	B A 2 DE 4527
NEWTON RANDALL THOMAS 5269 CONNAUGHT ST N D G MONTREAL QUE	B ENG 2 EL 2330
NEWTON ROBERT ARTHUR 38 MACAULAY ST ST LAMBERT QUE	D D S 3 OK 1 8894
NEWTON THOMAS PETER W 3581 UNIVERSITY ST MTL 287 ST GERMAINE AVE TORONTO ONT	B ENG 2 MA 3842
NEY JAQUELINE 6107 TERREBONNE AVE MONTREAL QUE	B A 2 WA 4397
NG ERIC KWONG SUN 189 DORCHESTER ST W MONTREAL QUE	B ENG 1
NG PING KEUN 1 NING YEUNG TERRACE BONHAM RD HONG KONG	B ENG 1
NIBLETT GEORGE SPENCER MACDONALD COLLEGE 362 BAY ST S HAMILTON ONT	B SC AGR 2
NICHOL DOROTHY ELLEN 415 MANNING AVE VERDUN QUE	B A 4 HE 2138
NICHOLS PETER FREDERICK 3461 CONNAUGHT AVE MONTREAL QUE	B ENG 1 EL 1649
NICHOLSON ALAN MONTGOMER 3434 MCTAVISH ST MTL 171 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B A 3 PL 4492
NICHOLSON DONALD MACLEAN MACDONALD COLLEGE WEST SIDE MIDDLE RIVER VICT CO N S	B SC AGR 3
NICHOLSON EPHYE GENE MACDONALD COLLEGE 217 TRENTON AVE TOWN OF MT ROYAL QUE	TCH INT 1
NICHOLSON HELEN MARY 1425 ST MATTHEW ST MONTREAL QUE	PARTIAL WE 6436
NICHOLSON JOHN MARTIN MACDONALD COLLEGE 1006 MOUNT ST BRYANSTON JOHANNESBURG TRANSVAAL SOUTH AFRICA	AGR DIP 1
NICKELS WALTER HEYWARD 4980 CONNAUGHT AVE MONTREAL 29 QUE	M A 2 EL 2476
NICKERSON LESLIE FLINT 3503 PARK AVE MTL R R 2 YARMOUTH N S	B ENG CH 4
NICOLAIDES EMMANUEL 2019 STANLEY ST APT 16 MONTREAL QUE 19 SKOUFA ST ATHENS GREECE	B ENG MCH 4 LA 8064
NICOLOPOULOS LEONIDAS G 3511 SHUTER ST APT 6 MONTREAL QUE	PH D 2 PL 8406
NIEBYL ELIZABETH C H 24C CHAMPLAIN COLLEGE PLATTSBURGH N Y U S A	PH D 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
NIELSEN ASTRID MARIE H 549 ABERCORN AVE TOWN OF MT ROYAL QUE	B A 1 AT 3600
NIELSEN NIELS HOEG 549 ABERCORN AVE TOWN OF MT ROYAL QUE	M A 2 AT 3600
NIEMINEN ANNIKKI MARIA MACDONALD COLLEGE BOX 536 VAL D OR QUE	TCH ELEM 1
NIILEND HEIKKI NICKY 5175 TRENHOLME AVE N D G MONTREAL QUE	B ENG 1 WA 9580
NIKITIN VICTOR 3370 MARECHOL AVE MONTREAL QUE	B ENG MCH 3 AT 9384
NIKOLAIDIS GEORGE 1324 SHERBROOKE ST W MONTREAL QUE 12 TOSITSA ST ATHENS GREECE	B ARCH 4 HA 4747
NIKOLAIDIS JACK 1324 SHERBROOKE ST W MONTREAL QUE 12 TOSITSA ST ATHENS GREECE	B ENG MCH 5 HA 4747
NISHIHATA SHOJI 158 ROY ST E MONTREAL 18 QUE	B ENG 2 MA 2617
NIVEN DESMOND F 3422 STANLEY ST MTL AMANZI VITENHAGE C D UNION OF SOUTH AFRICA	B A 2
NIVEN DONALD BRUCE 2130 NORTHCLIFFE AVE MONTREAL QUE	B COM 3 WA 8028
NNUBIA ANADU WILSON HALL BOX 27 MINNA NIGERIA	B SC 4 PL 0150
NORLE WILLIAM R 1106 ELGIN TERRACE MONTREAL QUE	LL M 1 BE 9648
NOEL JOHN CHARLES 3002 ST ANTOINE ST MONTREAL QUE	B ENG 1 WI 7227
NOEL RONALD ARTHUR MACDONALD COLLEGE	TCH INT 2
NOISEUX SUZANNE G 1316 BLVD MT ROYAL MONTREAL QUE	PARTIAL CA 6272
NOLTE MARGARET 4298 ST CATHERINE ST W MONTREAL QUE WILTON JUNCTION IOWA U S A	PARTIAL YO 1178
NOLTIE HELEN ELIZABETH 440 MT STEPHEN AVE APT 22 WESTMOUNT QUE	B A 4 GL 2157
NOONAN BERNARD 347 WILDWOOD PARK FORT GARRY MANITOBA	PH D 4
NORKELIVNAS ALBERT JOSEP 5637 JEANNE D ARC AVE MONTREAL QUE	B C L 1 CL 2363
NORMAN CONSTANCE M R V C 11 GRANTE ST COPPER CLIFF ONT	PHYSIOTH 1
NORMAND GERARD LEO 8960 ST LAWRENCE ST APT 114 MONTREAL QUE	PARTIAL
NORMAND JACQUES J A 1312A BEAUBIEN EAST MONTREAL 35 QUE	B COM 2 VI 2222
NOTKIN BARBARA ELIZABETH 4752 UPPER ROSLYN AVE MONTREAL QUE	B SC 1 WA 8666
NOTKIN JOAN CAROL 4752 UPPER ROSLYN AVE MONTREAL QUE	M PS SC 1 WA 8666
NOTKIN RONALD EDWARD 4842 ROSLYN AVE MONTREAL QUE	B SC 1 AT 9768
NOTMAN WILLIAM GREIG 3609 UNIVERSITY ST MTL 13 HILLCREST AVE ST CATHARINES ONT	B ARCH 6
NOVAK EDWIN STANISLAUS 3459 LAVAL ST MTL 126 MCNAUGHTON ST GALT ONT	B ENG MCH 3
NOVACK IRVING 2247 MAPLEWOOD AVE APT 7 MONTREAL QUE	B A 1 AT 5204
NOVICK JACK 5335 JEANNE MANCE MONTREAL QUE	B A 2 TA 7930
NOVOTNY GEORGE VLADIMIR 379 ELM AVE WESTMOUNT QUE	B ENG PHY 3 WE 9000
NOVOTNY JAN MARIA 379 ELM AVE WESTMOUNT QUE	M C L 1 WE 9000
NOYES JOHN FRANKLIN 420 CARLYLE AVE TOWN OF MT ROYAL QUE	B ENG 1 AT 2233
NUGENT JOHN RONALD MACDONALD COLLEGE 336 HINTON AVE OTTAWA 3 ONT	B SC AGR 2
NUSS JOSEPH ROBERT 3709 ST LAWRENCE BLVD MONTREAL QUE	B A 2 PL 2610
NWANODI NWOBIDIKE DOUGLAS HALL C O BOX 140 PORT HARCOURT NIGERIA	B A 2 PL 7880
NYESTE ZOLTAN BENEDEK 5215 VICTORIA AVE MONTREAL QUE	D D S 4 AT 8900

O

OAKLEY DONALD ALEXANDER 457 DULWICH AVE ST LAMBERT QUE	EDUCATION 5 OR1 8676
OBERFELD DONALD SYDNEY 5973 TERREBONNE AVE MONTREAL QUE	B COM 1 WA 4808
OBERMAN DAVID 1336 LAJOIE AVE OUTREMONT QUE	B ARCH 3 CA 3953
OBORIN PETER ERMOLAEVICH 3557 LORNE AVE APT 6 MONTREAL QUE	M SC 1
O BRIEN CATHERINE ANN 405 CLARKE AVE WESTMOUNT QUE	B A 1 WE 4152
O BRIEN ELIZABETH JEAN 405 CLARKE AVE WESTMOUNT QUE	PHYSIOTH 3 WE 4152
O BRIEN IRENE TILBURY 3578A PEEL ST MTL 382 WALTER AVE VICTORIA B C	GR N CERT 1 BE 1287

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NAME ADDRESS	COURSE & YEAR TEL. NO.
O BRIEN JOHN ROBERT DOUGLAS HALL 78 LAURIER AVE E OTTAWA ONT	B SC 2
O BRIEN JOHN WILFRED 3508 UNIVERSITY ST MTL 894 THIRD AVE W OWEN SOUND ONT	B A 4 HA 4873
O BRIEN JOSEPH EDWARD MCMASTERVILLE QUE	B C L 2
O BRIEN ROBERT STEPHEN C 405 CLARKE AVE WESTMOUNT QUE	B C L 3 WE 4152
O CONNELL WELLNER M 4817 WILSON AVE MONTREAL 29 QUE	B A 3 EL 8973
O CONNOR ANDREW GERALD 1062 BERNARD AVE OUTREMONT QUE	PARTIAL TA 6182
O CONNOR ANN ROSEMARY 17 KENASTON AVE TOWN OF MT ROYAL QUE	B A 3
O CONNOR JOSEPH TIMOTHY 376 ST VIATEUR ST W APT 6 MONTREAL QUE	M S W 2 DO 7305
ODERBERG MARK AARON 5900 HUDSON MONTREAL QUE	B COM 3 EX 9954
O DONNELL KATHLEEN MARY 3208 GUYARD AVE MONTREAL 26 QUE	B SC 2
O DONNELL JOSEPH V JR 5196 EARNSCLIFFE AVE MONTREAL QUE	B C L 1 DE 6661
O DONNELL VINCENT JOSEPH 3208 GUYARD AVE MONTREAL QUE	PH D 2
OECHSLE PETER FERDINAND DOUGLAS HALL CASILLA 1988 LIMA PERU	B COM 1 HA 1523
OELBAUM RONALD 1380 CALEDONIA RD TOWN OF MT ROYAL QUE	B COM 4 EX 5609
O FLANAGAN GERALD P 3581 UNIVERSITY ST MTL 74 SHEPHERD ST E WINDSOR ONT	B ENG MI 3 MA 3842
OGILVIE IAN SCOTT MACDONALD COLLEGE 59 CEDAR AVE POINTE CLAIRE QUE	B SC AGR 1
OGILVIE JOHN ROBERT MACDONALD COLLEGE 32 HAVELOCK AVE OTTAWA ONT	B SC AGR 3
OGILVIE WILLIAM LESLIE MACDONALD COLLEGE 32 HAVELOCK AVE OTTAWA ONT	B SC AGR 1
OGILVY JOHN ANGUS 32 BALLANTYNE AVE N MONTREAL QUE	B C L 1 DE 0915
OGLE WILLIAM ALBERT MACDONALD COLLEGE ROSETOWN SASK	MED DIPL 1
OHASHI JOAN MASUKO 3451 PRUDHOMME AVE MONTREAL QUE	B SC 4 EL 1246
OIRING JULIE 4327 PLAMONDON AVE MONTREAL QUE	B A 3 EX 4700
OKAPUU ULO DOUGLAS HALL P O BOX 55 ISLE MALIGNE QUE	B ENG 1

NAME ADDRESS	COURSE & YEAR TEL. NO.
OLER NORMAN 5305 VAN HORNE AVE APT 6 MONTREAL QUE	M SC 2 EX 0597
OLIPHANT JOHN LAWRENCE 3637 UNIVERSITY ST MTL 4 ETON TERRACE EDINBURGH 4 SCOTLAND	B A 3 MA 1736
OLIVER JOHN ARTHUR 370 KENSINGTON AVE WESTMOUNT QUE	MD CM 1
OLIVIER JOSEPH EDWARD 3681 HUTCHISON ST APT 38 MONTREAL QUE	MD CM 4 PL 2090
OLSEN ORVIL ALVA MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 4
OLSEN JANICE ARDEN 3784 MELROSE AVE MTL 1543 DESPARD AVE VICTORIA B C	M S W 1
OLSZESKI S EDWARD 2627 BERCY ST MONTREAL QUE	B ENG CIV 3
OMSTEAD GERALD EVERETT 53 MILTON ST MTL WHEATLEY ONT	B ENG 1 HA 2065
O NEILL JOHN WILLIAM 3615 UNIVERSITY ST MTL CANADIAN EMBASSY BOX 1945 HABANA CUBA	B A 1 BE 0888
ONYSZCHUK MARIO 6242 LOUIS HEBERT AVE MONTREAL 36 QUE	PH D 2 VI 6714
ORLANDER MICHAEL 90 ST CUTHBERT ST MONTREAL QUE	B ENG 2 HA 3935
O ROURKE DONALD PATRICK 5030 LOUIS VEUILLOT ST MONTREAL QUE	D D S 3 CL 4403
ORR CHARLOTTE HELEN MACDONALD COLLEGE LARDER LAKE BOX 204 ONT	B SC H EC 1
ORR JAMES AD R R 1 VAUDREUIL QUE	AGR DIP 1
ORVIG QUENN 12 FORDEN AVE WESTMOUNT QUE	PH D 3 EL 7991
OSBORNE ROBERT ERNEST P O BOX 181 MCMASTERVILLE QUE	B D 3
OSTIGUY JOSEPH MARCEL R 351 EMERY ST MONTREAL QUE	B C L 4
OSTROVSKY BENJAMIN WILSON HALL CALLE N 332 APT J VEDADO HAVANA CUBA	B ENG 1 PL 0026
OSTROVSKY EDWARD 4068 LAVAL AVE MONTREAL QUE	D D S 2 BE 3272
OTT GEORGE WOLFGANG 3521 GLENCOE AVE MONTREAL QUE	B ENG CIV 5 AT 5216
OTT LOUIS ALBERT 711 HARTLAND AVE OUTREMONT QUE	B ENG 1 AT 4477
OTTOLENGHI MARCELLA L ROYAL VICTORIA COLLEGE APARTADO 458 QUITO ECUADOR S A	B A 1
OTTOLENGHI PAUL 3610 DUROCHER ST APT 29 MONTREAL QUE	B SC 3 PL 3398

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NAME ADDRESS	COURSE & YEAR TEL. NO.
OUELLET CHRISTIAN RONALD 168 LEVESQUE BLVD ABORD A PLOUFFE QUE	B ENG 1
OUELLET REGINALD CECIL 258 SHERBROOKE ST W MTL DOLBEAU LAC ST JEAN QUE	B ENG CIV 4
OUIMET PAUL A 58 SUNNYSIDE AVE WESTMOUNT QUE	M C L 2 WA 9343
OULOUSSIAN ELIZABETH A 6090 JEANNE MANCE ST MONTREAL 8 QUE	B A 3 GR 2161
OULTON RHODES CLARKE 697 MANNING AVE VERDUN QUEBEC	M A 2 TR 5757
OUPCHER HENRY JAMES 4555 GRAND BLVD MONTREAL QUE	B ENG 1 WA 9318
OUTERBRIDGE EUGENE W WILSON HALL BLINK BONNIE SHELLY BAY BERMUDA	B SC 2 PL 0026
OUTERBRIDGE MILES E H WILSON HALL BAILEYS BAY BERMUDA	B ENG 2
OUTERBRIDGE WILLIAM A 1462 GUY ST APT 48 MONTREAL QUE	D D S 4 FI 0242
OVERTURF WESLEY SCOTT 2831 MAPLEWOOD AVE APT 6 MONTREAL QUE	MD CM 2
OWENS OWEN ERNEST 788 UPPER BELMONT AVE WESTMOUNT QUE	PH D 3 EL 5667
OWER ROLAND CAMPBELL 1245 REDPATH CRESCENT MONTREAL QUE 11118 85TH AVE EDMONTON ALBERTA	MED DIPL 5 HA 0950
OXLEY ADELE MACKENZIE R V C 545 ARLINGTON AVE TORONTO 10 ONT	B ARCH 5 PL 0334
OXLEY CONSTANCE GLEN 2502 MARIETTE AVE N D G MONTREAL QUE	B A 1 DE 6228
OZBURN GEORGE WILKS MACDONALD COLLEGE 14 UNIVERSITY AVE GUELPH ONT	B SC AGR 2
OZERS IAN 5020 BESSBOUROUGH AVE MONTREAL QUE ARNOLD FARMS LTD GRENVILLE QUE	B ENG 2 DE 3841
OZIER MORRIS 133 DE L EPEE AVE APT 2 OUTREMONT QUE	M S W 2 CR 5971
OZOLIN JEAN AOSMA 5210 GRENIER AVE MONTREAL QUE	B SC 2 WA 7413

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PADUEEN JACK WILLIAM 5216 TRANS ISLAND AVE MONTREAL QUE	B SC 3 DE 6235
PAGE CONRAD 3485 HUTCHISON ST MTL 87 MAIN AVE W HAWKESBURY ONT	B ENG EL 3 HA 4506
PAGE JOHN GEORGE 3601 UNIVERSITY ST MTL HAMPDEN RD SOMERS CONN U S A	MD CM 1 BE 0046
PAGRAM WILLIAM BRIAN 3437 PEEL ST MTL 6 AV SUR PROLONGACION GUATEMALA CITY GUATEMALA C A	B ENG CIV 3 BE 0027
PAISLEY DONNA ELIZABETH 780 GRAHAM BLVD MOUNT ROYAL QUE	B F A 3 RE 3 3557
PAITICH MARVIN 5354 SHERBROOKE ST W MTL 421 CONCESSION ST HAMILTON ONT	B SC 2 WA 3613
PAK JONG YONG MACDONALD COLLEGE 274 NAM MOON RD CHONG JU CITY NORTH CHOONG CHONG KOREA	B SC AGR 1
PALAMEDES GEORGE 427 PRINCE ARTHUR W MTL 123 ROCHESTER ST OTTAWA ONT	B A 3 MA 6818
PALAN VERA MARIA 910 PRATT AVE OUTREMONT QUE	B SC 1 AT 3943
PALEJS ANDRIS 4R90 WALKLEY AVE APT 11 MONTREAL QUE	B ENG 1 WA 4948
PALFREEMAN BERNARD JOHN 193 ST JOSEPH BLVD DORVAL QUE	B ENG MCH 3
PALFREEMAN BRIAN DENNIS 193 ST JOSEPH BLVD DORVAL QUE	B SC 2 ME 1 1103
PALIJIW CHRYSTYNA MARIA 26 SUNNYSIDE AVE WESTMOUNT QUE	B A 2 DE 3682
PALIN FRANK JAMES 2101 UNIVERSITY ST APT 21 MONTREAL QUE	B ARCH 6 MA 2608
PALKO DENIS MICHAEL 3691 HENRI JULIEN AVE MONTREAL QUE	B ENG 2 BE 7851
PALLISTER JANET CLAIRE 4118 WESTERN AVE MONTREAL QUE 11 BLYTHDALE RD TORONTO ONT	GR N CERT 1 GL 4020
PALMER CECILY ELEANOR S 629 GROSVENOR AVE MONTREAL QUE	B A 3 DE 7158
PALMER MARVEN FRASER 545 PINE AVE W MTL DOUGLAS HARBOUR N B	MD CM 3 MA 1545
PALMER WILFRED HOWARD 1 REDPATH ROW MONTREAL 25 QUE	MD CM 3 FI 7970
PALNICK ELI EZEKIEL 397 ST JOSEPH W MONTREAL QUE	B A 2 CR 0463
PALTIEL JUDITH 401 COTE ST ANTOINE RD WESTMOUNT QUE	B A 3 EL 4629
PALTIEL SARAH WEINTRAUB 4760 RIDGEVALE AVE APT 7 MONTREAL QUE	PARTIAL 0 EX 6095
PANDELIDIS STEPHEN 1554 DUCHARME AVE MTL SEVERALS FARM ARKESDEN SAFFRON WALDEN ESSEX ENGLAND	B ENG PWR 5 TA 4161

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PANGBORN WILLIAM ALLAN 7429 CHURCHILL BLVD CRAWFORD PARK QUE	B ENG CIV 5 HE 7162
PANOPALIS HELEN 55 NELSON AVE OUTREMONT QUE	L MUS 1 CA 5003
PAPADOPOULOS ANASTASSIOS 1540 GUY ST APT 2 MTL 24 SPARTIS ST ATHENS GREECE	B SC 4 WE 8721
PAPADOPOULOS ELIAS LOUIS 2039 MCGILL COLLEGE AVE MONTREAL QUE 18 SALAMINOS STR ATHENS GREECE	B ENG 1 LA 7337
PAPALEONARDOS D 1540 GUY ST APT 2 MTL NEOPHYTON DOUKA 11 ATHENS GREECE	B ENG CIV 5 WE 8721
PAPASPYROU THEMISTOCLES 1106 ST LAWRENCE BLVD MONTREAL QUE	B ENG 2 MA 0855
PAPENHUYZEN CONSTANT L 6365 PIE IX BLVD APT 3 MONTREAL QUE	B ENG 1 TU 4330
PAPICH DRAGVTIN 3574 CLARK ST MONTREAL QUE	MD CM 3 LA 6728
PAPINEAU LOUIS JOSEPH 793 CHAMPAGNEUR AVE OUTREMONT QUE	B ARCH 4 DO 5412
PAQUETTE ALBERT EDWARD 6571 23RD AVE ROSEMOUNT QUE	B SC 2 TU 1269
PAQUETTE ADRIEN 5415 DUROCHER ST MONTREAL QUE	B C L 4 DO 1010
PAQUETTE DOLLENE DIANE R V C 12 DELATRE ST WOODSTOCK ONT	B SC P ED 1 PL 0113
PAQUETTE SUZANNE 8647 DES BELGES AVE MONTREAL QUE	PHYSIOTH 1 VE 2722
PAQUIN JACQUES JEAN 1445 BISHOP ST APT 12 MONTREAL QUE 523 RADISSON ST THREE RIVERS QUE	B ENG CIV 5 LA 2072
PAQUIN ROGER BOX 181 CO KAMOURASKA STE ANNE DE LA POCATIERE QUEBEC	PH D 4
PARADIS ROBERT CHARLES 649 MILTON ST MTL 657 ECHO DRIVE OTTAWA ONT	B ENG MCH 5 MA 9644
PARE ROMEO PARE 3637 OXENDEN AVE MTL 2400 4TH AVE ST LOUIS BLVD THREE RIVERS QUE	B ENG 2 MA 8729
PARKER CYNTHIA JUNE S MACDONALD COLLEGE 1700 SHEPPARD AVE SILLERY QUE	TCH KIND 1
PARKER DOREEN ELWOOD 726 RIVERVIEW AVE VERDUN QUE	GR N CERT 1 TR 1539
PARKER KATHERINE C 2019 STANLEY ST APT 14 MONTREAL QUE STELLARTON N S	M S W 2 BE 4757
PARKER REGINALD ALTON MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	TCH INT 1
PARKER ROY WALTER 609 WALPOLE AVE TOWN OF MT ROYAL QUE 110 ARJAY CRESCENT R R 1 YORK MILLS ONT	B COM 3 AT 6293
PARKER THOMAS CAMPBELL F 631 LANSDOWNE AVE WESTMOUNT QUE	B A 1 HU 8 5295
PARKER WESLEY CAMPBELL 75 KENASTON AVE MONTREAL 16 QUE	B SC 1 AT 2738
PARKES ROY ALBERT MACDONALD COLLEGE WATERLOO QUE	B SC AGR 2
PARKIN JANE COCKBURN 4100 COTE DES NEIGES RD MONTREAL 25 QUE	B A 1 FI 5891
PARROTT KENNETH BRUCE 252 PRINCE ALBERT AVE MONTREAL QUE	MD CM 2 EL 9986
PARSONS BASIL IAN WILSON HALL 1775 ASSINIBOINE AVE ST JAMES MAN	PH D 3 PL 0026
PARSONS BEVERLEY JOAN MACDONALD COLLEGE 97 CARDINAL AVE VILLE ST LAURENT QUE	TCH INT 1
PARSONS CONSTANCE G ROYAL VICTORIA COLLEGE 301 HAMILTON AVE ST JOHNS NFLD	B A 4 PL 0034
PARSONS EDWARD LEWIS THEOLOGICAL COLLEGE 37 FARVIEW WAY AMHERST MASS U S A	MD CM 1 HA 4873
PARSONS GRAHAM W 260 LOGAN ST ST LAMBERT QUE	B ENG 1 OR 1 8828
PARSONS MARGARET ROYAL VICTORIA COLLEGE LLEWELLYN PARK WEST ORANGE N J U S A	B A 3
PARSONS MARY JEAN MACDONALD COLLEGE 8 THURLOW RD HAMPSTEAD QUE	TCH INT 1
PARSONS MICHAEL HOLMAN 10 BELEVEDERE RD WESTMOUNT QUE	B A 2 FI 5457
PARSONS RAYMOND ERIC 3433 PEEL ST MONTREAL QUE	B C L 4 LA 5401
PARSONS TIMOTHY RICHARD MACDONALD COLLEGE 594 COTE ST ANTOINE ST WESTMOUNT QUE	B SC AGR 4
PARTRIDGE STEPHEN BYERS 3581 UNIVERSITY ST MTL 19 ALLEN ST HAWKESBURY ONT	B ENG MCH 4 MA 3842
PARTYKA THADDEUS 7970 STUART AVE APT 4 MONTREAL 15 QUE	B ENG MCH 3 GR 7217
PASCAL HAROLD 738 UPPER BELMONT WESTMOUNT QUE	B COM 2 EL 3032
PASCAL MIRIAM 40 ABERDEEN AVE WESTMOUNT QUE	B COM 1 WI 7647
PASCAL SHEILA 40 ABERDEEN AVE MONTREAL QUE	B SC 4 WI 7647

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PASHKIGH DOUGLAS JOHN MACDONALD COLLEGE 1162 KING RD R R 3 VANCOUVER B C	PARTIAL 0
PASKULIN BRANKO 3962 LAVAL AVE MONTREAL QUE	B ARCH 4 LA 0525
PASOFF SIDNEY 81 ST CUTHBERT ST MONTREAL QUE	B ENG 1 HA 5631
PASTERNAK ISRAEL S 148 PORTLAND AVE TOWN OF MT ROYAL QUE P O BOX 109 BRIDGETOWN BARBADOS B W I	B ENG CH 3 AT 2687
PATERSON ALAN LORNE 4127 MARCIL AVE MONTREAL 28 QUE	B SC 3 DE 8097
PATERSON CATHRINE JEAN 7741 DUROCHER ST MONTREAL QUE	PHYSIOTH 1 TA 2482
PATERSON DONALD A 4127 MARCIL AVE N D G MONTREAL QUE	B ENG 1 DE 8097
PATERSON PETER DONALD 3738 JEANNE MANCE MONTREAL 18 QUE	B A 2 HA 8894
PATIENCE RICHARD EARL 4583 HINGSTON AVE MONTREAL 28 QUE	B ENG COM 5 DE 3843
PATON EDITH MARIE 361 ROSLYN AVE MONTREAL QUE	B A 2 GL 1556
PATRICK JAMES HUTCHISON 419 VICTORIA AVE WESTMOUNT QUE	GRAD QUAL 1 GL 4458
PATRICK MURRAY CARL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	MD CM 4
PATTERSON DAVID QUAIN 497 LANSDOWNE AVE WESTMOUNT QUE	B C L 1 GL 2496
PATTERSON ELIZABETH ANNA MACDONALD COLLEGE BOX 44 HUNT CLUB RD OTTAWA ONT	B SC H EC 2
PATTERSON FRANK A 905 ST AUBIN ST TOWN OF ST LAURENT QUE	B ENG MCH 4 BY 6978
PATTERSON GORDON LOUIS 18 HUDSON AVE TOWN OF MT ROYAL QUE	B COM 4 AT 2595
PATTERSON MAXWELL C 3602 DUROCHER ST APT 12 MONTREAL QUE SUNNY BANK GASPE CO QUE	MD CM 2
PATTISON ANNE HAWTHORNE 555 SHERBROOKE ST W MTL ROSEMERE QUE	B SC 4 PL 0327
PATTON DONALD ROBERT 202 PORTLAND AVE TOWN OF MT ROYAL QUE	B SC 2 EX 1351
PATTON FRANCES VIOLET J 202 PORTLAND AVE TOWN OF MT ROYAL QUE	PHYSIOTH 1 EX 1351
PATTON VIRGINIA THERESE 84 SUNNYSIDE AVE WESTMOUNT QUE	B A 3 EL 4608
PAUL JOSEPH ROBERT 3777 COTE DES NEIGES MONTREAL QUE	B F A 4 FI 6029
PAUL RONALD HUGH 4344 KING EDWARD AVE MONTREAL 28 QUE	B SC 2 EL 9715
PAULETTE ROBERT EDWIN 3445 PEEL ST MTL 118 COURT ST SHERBROOKE QUE	MD CM 3 HA 9462
PAULIUS VYTAUTAS 4690 JEANNE D ARC AVE APT 8 MONTREAL QUE	B ENG 2 TU 7180
PAUMANN MANUEL 3435 PRUDHOMME APT 26 MONTREAL QUE	B SC 1 EL 2052
PAUZE FERNAND J 2117 KIMBERLEY ST MONTREAL QUE	GRAD QUAL 1 LA 6349
PAVLASEK TOMAS JAN F 3851 UNIVERSITY ST MONTREAL QUE	PH D 3 LA 6772
PAYNE GEORGE BRENTON 2 DOBIE AVE MONTREAL 16 QUE	B ENG MCH 3 AT 3539
PAYNE JOSEPH H R 1382 ST ANTOINE ST MONTREAL QUE	B ENG 2 WI 6500
PAZUR MICHAEL RICHARD MACDONALD COLLEGE BOX 29 RUTHVEN ONT	B SC AGR 4
PEABODY ANNIE ELIZABETH 416 PRINCE ARTHUR ST W APT 2 MONTREAL QUE	GR N CERT 1 HA 4298
PEACH RICHARD OLIVER MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	MD CM 3
PEAQUIN CLAUDIA ANITA ROYAL VICTORIA COLLEGE 316 WEST 22 STREET NEW YORK U S A	B A 4 PL 0180
PEARCE ISABEL DIANA 404 METCALFE AVE WESTMOUNT QUE	B A 1 GL 2457
PEARL GERALD JOSHUA 353 WILLOWDALE AVE MONTREAL QUE	B SC 1 AT 8451
PEARL HYMAN 5603 MCLYNN AVE MTL 327 RACINE ST GRANBY QUE	MD CM 4 EX 7903
PEARL NORMAN 5603 MCLYNN AVE MTL 327 RACINE ST GRANBY QUE	M SC 1 EX 7903
PEARSON ELIZABETH ANN 760 PRATT AVE MONTREAL QUE	B SC 1 AT 8481
PEARSON JOHN BRUCE 16 WILLOW AVE WESTMOUNT QUE	B COM 3 WA 2674
PEARSON NANCY 16 WILLOW AVE WESTMOUNT QUE	GR N CERT 1 WA 2674
PEASLEY JOYCE NOREEN 1596 PINE AVE W MTL GEORGEVILLE QUE	GR N CERT 1 FI 0248
PEAT MARGARET MEALLS MCLENNAN HALL 50 DRESDEN AVE GARDINER MAINE U S A	B L S 1 PL 0044
PECK ALAN SHERMAN 3851 UNIVERSITY ST MTL 356 ORANGE ST SPRINGFIELD 8 MASS USA	MD CM 3 MA 3888

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PECKHAM HUGH EDWARD MACDONALD COLLEGE 642 BELMONT AVE WESTMOUNT QUE	B SC AGR 4
PEDERSEN JORGEN WISMER MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
PEDERSEN REINHOLD JULIUS 421 PRINCE ARTHUR ST W MONTREAL QUE APARTADO 705 CARACAS D F VENEZUELA	B ENG EL 4 HA 1503
PEDLEY NORAH FRANCES HUDSON, QUEBEC	M SC 1
PEDNEAULT YVON 5125 BORDEAUX ST MONTREAL QUE	B ENG CIV 5 CH 5503
PEERS MICHAEL ROGERS 487 MOUNT PLEASANT AVE WESTMOUNT QUE	B COM 4 WI 8239
PEET ELLY ROYAL VICTORIA COLLEGE E06 VERNON NEW JERSEY U S A	B A 3 PL 0598
PEHLEMANN RITA EVELYN M MACDONALD COLLEGE BURY QUE	TCH INT 1
PEI DAVID CHUNG TZE 3552 SHUTER ST MTL 438 CHATHAM RD KOWLOON HONG KONG	B ENG CH 3
PEIRCE CARLETON WOOD 55 ABERDEEN AVE WESTMOUNT QUE	B ENG 1 DE 5914
PEIRCE ESTHER KATHARINE 55 ABERDEEN AVE WESTMOUNT QUE	B A 4 DE 5914
PEKAR YACOB JACK 4608 MACKENZIE AVE MONTREAL QUE	B ENG 2 EX 4370
PELCHAT GUY MAJELLA 6799 LOUIS HEMON ST MTL ST GEDEON BCE QUE	B ENG PHY 3 CR 6597
PELKONEN RACHEL M I 752 DES RIVIERES ST MONTREAL 3 QUE	B A 1 UN 6 2275
PELLER JOSEPH ANDREW 18 ANGLESEY BLVD TORONTO ONT	MED DIPL 4
PELLETIER LARRY E J STE ANNE DE BELLEVUE QUE	B ENG 2
PELLETIER YVES 4433 CHRISTOPHER COLUMB MONTREAL QUE	B C L 1 CH 5143
PENG MING MIN 2315 BEACONSFIELD AVE MONTREAL QUE 49 KUAN JUNG ST KAO HSIWNG FORMOSA	LL M 1 WA 6069
PENLAND PATRICK ROBERT MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B L S 1
PENNEFATHER RICHARD F 5065 HINGSTON AVE MONTREAL QUE	B C L 3 DE 5770
PENNIE TERENCE EDWARD 217 PERCIVAL AVE MONTREAL WEST QUE	B A 4 DE 0106
PENNINGTON GEORGE ARTHUR WILSON HALL 1320 VICTORIA AVE WINDSOR ONT	B COM 2 PL 0150
PENTON REGINALD EDWIN 2090 CLAREMONT AVE APT 44 MONTREAL QUE	M ENG 2 HU8 6127
PEPIN M E JOAN 4961 ST CATHERINE EAST MONTREAL QUE	B COM 2 CL 1753
PEPLER STANLEY WILLIAM E 7 INGLESIDE AVE MONTREAL QUE	B ENG CIV 5 WE 1671
PEPPER JOHN JOSEPH 533 VICTORIA AVE WESTMOUNT QUE	B C L 4 FI 8654
PEPPIATT HARRY JAMES 2057 WESTMORE AVE N D G MONTREAL QUE	PH D 2
PERCEVAL MAXWELL MICHAEL MACDONALD COLLEGE FINNEBROGUE DOWNPATRICK CO DOWN N IRELAND	AGR DIP 1
PERCIVAL JUNE WINIFRED ROYAL VICTORIA COLLEGE 126 MONCTON AVE QUEBEC QUE	B A 4
PERCY EDWARD CHARTERS 4865 CORONATION AVE MONTREAL QUE	MED DIPL 1 DE 8755
PEREY BERNARD JEAN F 8561 ESPLANADE AVE MONTREAL QUE	MD CM 1 DU 6685
PEREY FRANCIS G J 8561 ESPLANADE AVE MONTREAL QUE	B ENG 2 DU 8106
PERITZ FRAIDIE JOY 750 STUART AVE MONTREAL QUE	B A 4 CA 6531
PERKS WILLIAM TAYLOR 5837 TERREBONNE AVE N D G MONTREAL QUE	B ENG 2 WA 5289
PERLIN FRANCES MACDONALD COLLEGE 5688 JEANNE MANCE ST MONTREAL QUE	TCH ELEM 1 VI 1757
PERLMAN MARTIN MELVIN 4635 PARK AVE MONTREAL QUE	PH D 2 MA 4887
PERON FERNAND GEORGE 6901 MONKLAND AVE N D G MONTREAL QUE	PH D 4 WA 7896
PERRAULT JEAN NICOLAS 5674 GATINEAU AVE APT 9 MONTREAL QUE	B SC 4 RE 3 1453
PERRET RUSSELL EDWARD 633 UNDERHILL PLACE MTL 411 EAST KEITH RD NORTH VANCOUVER B C	B A 4 MA 7874
PERRIN WILFRED HARPER 1671 SHERBROOKE ST W MTL 6 COURT TERRACE BROCKVILLE ONT	B SC 3 WI 1684
PERRY BRIAN HENRY MACDONALD COLLEGE 310 VICTORIA AVE ST LAMBERT QUE	B SC AGR 1
PERRY DAVID MARCUS 3466 MCTAVISH ST MTL 3243 CASCADIA AVE SEATTLE 44 WASH U S A	MD CM 3 LA 9533
PERRY JANICE HELEN 792 UPPER BELMONT AVE MONTREAL QUE	B SC 1 EL 3400
PERRY KARMA MERNE 5699 QUEEN MARY RD HAMPSTEAD QUE	B COM 2 EL 1623
PESANT MARCEL GILLES 6756 DELAROCHE ST MONTREAL QUE	B ARCH 3 CR 0766
PESNER JOAN KAREN 12 PAGNUELO AVE OUTREMONT QUE	PHYSIOTH 1 DO 2550

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PETERSON ROBERT JOSEPH C 1303 BEAUBIEN ST E MONTREAL QUE	B ENG 2
PETHICK CAROLE JOANNE MACDONALD COLLEGE 4165 MADISON AVE MONTREAL 28 QUE	TCH ELEM 1
PETO MARGARET 6900 BORDEAUX ST MONTREAL QUE	B SC 3 VI 1023
PETRANY ZOLTAN 3610 DUROCHERT ST MTL 5041 RANDALL AVE N D G MONTREAL QUE	MD CM 1
PETROGIANNIS DEMETRIOS 1240 OUIMET ST APT 36 VILLE ST LAURENT QUE	M A 1 BY 5739
PETROV DIMITRI 3679 LAVAL AVE MONTREAL QUE	B ENG 2 LA 0717
PETRUSHKA EVELYN 5321 PLAMONDON AVE MONTREAL QUE	B SC 3
PETSALIS ELIAS 3485 MCTAVISH ST MONTREAL QUE 29 GEROKOSTOPULU ST PATRAS GREECE	B ENG 2 MA 0141
PETTAPIECE HARVEY G 3653 UNIVERSITY ST MTL 172 OXFORD ST WINNIPEG MAN	D D S 2 PL 2073
PETTIGREW PATRICK JAMES 3434 MCTAVISH ST MTL 5565 NOTRE DAME DE GRACE MONTREAL QUE	B A 4 PL 4492
PETTY GEORGE SHAW 3581 UNIVERSITY ST MTL 2388 PARK ROW WEST MONTREAL QUE	B COM 3 MA 3842
PEYTON RALPH WILLIAM P O BOX 292 HUDSON QUE	B A 4
PEZARIS STYLIANOS 3511 SHUTER ST MONTREAL QUE	B ENG PHY 5 MA 8279
PHELAN CHARLES ALEXANDER 36 ABERDEEN AVE WESTMOUNT QUE	LL m 1 WE 2271
PHELAN JOHN ROBT 3617 LORNE CRESCENT MTL 511 STEWART ST FORT BRAGG CALIF U S A	MD CM 2
PHILIP JOHN FORBES DOUGLAS HALL BOX 221 WINDSOR MILLS QUE	B SC 2 PL 6001
PHILIP MARGARET ANN ROYAL VICTORIA COLLEGE WINDSOR MILLS QUE	B A 3 PL 0517
PHILIPS THOMAS F B 66 DORCHESTER ST E MTL 88 RENFREW AVE OTTAWA ONT	MED DIPL 2
PHILLIPS CHARLES O D MACDONALD COLLEGE 4250 MARCIL AVE APT 22 MONTREAL 28 QUE	B SC AGR 4
PHILLIPS DESMOND RUSH MACDONALD COLLEGE 4280 MARCIL AVE MONTREAL 28 QUE	B SC AGR 1
PHILLIPS EDWARD OPENSHAW 26 ABERDEEN AVE WESTMOUNT QUE	B A 4 FI 8200
PHILLIPS FREDERICK P 330 REGINA AVE VERDUN QUE	B C L 1 TR 3659
PHILLIPS LORNA MARILYN 4061 VENDOME AVE N D G MONTREAL QUE	M S W 1 DE 8535
PHILLIPS MELVILLE JAMES 3423A HUTCHISON ST MTL 22 WEST 44TH AVE VANCOUVER B C	MD CM 1
PHILLIPS WILLIAM ERNEST MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 2
PHOCA ANDREW 3566 HUTCHISON ST MTL 57 MARATHOMODZOMOU ST PSYCHIKO ATHENS GREECE	B ARCH 6 LA 6436
PIAFSKY DONALD 5230 DALOU AVE N D G MONTREAL QUE	B ENG 2 WA 7309
PIASECKI GEORGE 2854 HOLT ST ROSEMOUNT QUE	B ENG 2 HO 9638
PICARD CHARLOTTE ROYAL VICTORIA COLLEGE 20 ROPE FERRY RD HANOVER N H U S A	B A 3 PL 0477
PICK JOHN CHARLES MACDONALD COLLEGE 4225 BEACONSFIELD AVE N D G MONTREAL QUE	B SC AGR 2
PICKARD GEORGE KEITH MACDONALD COLLEGE BOX 369 CHARLOTTETOWN P E I	B ARCH 6
PICKEL PATRICIA CLOSS 1478 MOUNTAIN ST APT 15 MONTREAL QUE	B F A 4 PL 2342
PICKERING JOHN WESTON MACDONALD COLLEGE 42 CHELSEA CLOISTERS LONDON S W 3 ENGLAND	B SC AGR 3
PICKERING MARILYN MAE 3610 HUTCHINSON ST MTL 9 CRESCENT HTS OTTAWA ONT	M S W 1 PL 6464
PICKUP THOMAS MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M A 2
PIERCE JUDITH CATHERINE ROYAL VICTORIA COLLEGE 1306 27TH ST N W WASHINGTON D C U S A	B A 1
PIETRACUPA PIETRO P 5552 8TH AVE ROSEMOUNT QUE	B ENG 2 AM 2751
PIGGOTT CARMEN LAMBERT 2022 UNION AVE MONTREAL QUE	PH D 4 MA 7924
PIIBE REIN 2747 MAPLEWOOD AVE APT 10 MONTREAL QUE	B ENG 1
PILAR EVA MARY 1461 MOUNTAIN ST APT 42 MONTREAL QUE	B A 1 MA 2678
PILON BERNARD R R NO 1 IBERVILLE QUE	AGR DIP 1
PILON JEAN JACQUES 3554 GREY AVE MONTREAL QUE	B C L 1 DE 4564
PINARD RAYMOND 3668 DUROCHER ST APT 14 MONTREAL 3700 BLVD ST OLIVIER THREE RIVERS QUE	B ENG CH 3 MA 0415

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PINCHASSOW HENRY 4753 LACOMBE AVE MTL 3 13 51 TBAGUE COLOMBIA	B SC 4 EX 7358
PINCHASSOW MAURICE 4753 LACOMBE AVE MONTREAL QUE	B SC 2 EX 7358
PINCHUK JACK 5265 BYRON AVE MONTREAL QUE	B COM 2 EL 4759
PINCOTT ROBERT S GARDENVALE QUE	B SC 2
PINCUS MILTON ISSAC 1959 CLINTON AVE OUTREMONT QUE	B SC 2 AT 0617
PINDER BYRON ROY 4226 GOUIN BLVD W CARTIERVILLE QUE	B ENG CIV 3 BY 3466
PINK PAUL CONSTANTINE 3595 ST FAMILLE ST MTL ST ANNS BAY JAMAICA B W I	B SC 1 LA 0851
PINKER HARRY 3861A ST LAWRENCE BLVD MONTREAL QUE	B C L 3 LA 7121
PINSKY CARL 6033 JEANNE MANCE ST MONTREAL 8 QUE	PARTIAL CR 1875
PINSKY LEONARD 5678 CLARK ST MONTREAL QUE	A & S COM 1 TA 6820
PINSONNAULT JEAN HENRI 371 PRINCE ARTHUR ST MONTREAL QUE 1526 ROYAL ST THREE RIVERS QUE	B C L 1 LA 4744
PIRIE GORDON EDWARD 3261 FOREST HILL AVE APT 14 MONTREAL QUE	MD CM 3
PITCAIRN ANDREW 4120 BENNY AVE MONTREAL QUE	M A 2 DE 3420
PITCHER GRAHAM HENRY MACDONALD COLLEGE 101 LEBEON ST VILLE ST LAURENT QUE	B SC AGR 3
PITFIELD ROBERT HARTLAND SARAGUAY HOUSE SARAGUAY QUE	B ENG MCH 4 BY 2190
PITFIELD SUSAN JANE SAREQUAY QUE	B A 1
PITT CHRISTOPHER NORMAN 43 SURREY GARDENS WESTMOUNT QUE	B COM 2 EL 7708
PITT JACK ARTHUR 6645 TERREBONNE AVE MONTREAL QUE	M A 1 DE 0696
PITTMAN BARRY A C 810 41ST AVE LACHINE QUE	B ENG 2 NE5 4279J
PLAICE JACK LAWRENCE 4413 WILSON AVE NDG MTL 797 DUDLEY AVE WINNIPEG MANITOBA	EDUCATION 5 DE 7445
PLANCK ROBERT VAN N 3519 GREY AVE N D G MONTREAL QUE	B ENG MCH 5 EL 7736
PLATT JAMES BRIAN 25 SPRINGFIELD AVE WESTMOUNT QUE	B ENG 1 GL 4186
PLAUNT DARREL HARVEY MACDONALD COLLEGE BOX 216 NEW LISKEARD ONT	B SC AGR 2
PLAYFAIR ANN ELIZABETH MACDONALD COLLEGE 98 RUSKIN AVE OTTAWA ONT	B SC H EC 2
PLEWA ROSLYN RITZA MACDONALD COLLEGE 928 DUNLOP AVE OUTREMONT QUE	TCH ELEM 1
PLOTNICK ABE 4517 CARLTON AVE MONTREAL 26 QUE	B A 4 EX 0387
PLUNKETT THOMAS 1360 OUIMET ST APT 36 VILLE ST LAURENT QUE	M A /2 RI4 2641
POCHEREVA WILLIAM MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	MD CM 3
PODBERE AVROM 4720 MERIDIAN AVE MONTREAL QUE	B C L 2 WA 1363
PODDUBNY ALEX 3918 DROLET ST MONTREAL QUE	B ENG 2 HA 4376
POELLHUBER CHARLES 276 SHERBROOKE ST W MONTREAL QUE 164 COMMUNITY ROW CHARLESWOOD MAN	B ENG MCH 5 BE 0754
POHRAN NICHOLAS 3653 OXENDEN AVE MTL 1722 HIGHLAND AVE NIAGARA FALLS ONT	MD CM 4 HA 6923
POIRIER BRUNO VICTOR 3507 VAN HORNE AVE MTL 9R FRONTENAC ST LAKE MEGANTIC QUE	B ENG 1 AT 3642
POITRAS LAWRENCE ALFRED 5370 NEWMAN PLACE MONTREAL QUE	B A 4 AT 6054
POKORNY KAREL FORSELLES 4R97 BARCLAY AVE APT 7 MONTREAL QUE	B ENG 1 EX 0222
POLACK JOHN LUCAS 9993 CLARK ST MONTREAL QUE	B ENG MCH 4 VE 5213
POLANSKY FRED 423 SHERBROOKE ST W APT 3 MONTREAL QUE	B COM 2 HA 1424
POLEY DOROTHY MAE 3711 JEANNE MANCE ST MTL 29 ABERDEEN ST CAMPBELLTON N B	GR N CERT 1 MA 9557
POLGER ABBY 2180 LUCERNE ROAD TOWN OF MT ROYAL QUE	B SC 1
POLISUK THEODORE HAROLD 6188 HUDSON RD MONTREAL QUE	B A 4 AT 8942
POLLACK BARUCH BARNEY 2515 VAN HORNE AVE APT 8 MONTREAL QUE	B C L 3 AT 1070
POLLACK JOE 1245 OUIMET AVE APT 34 VILLE ST LAURENTE QUE	M S W 2
POLLAK JOHN KURT MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 2
POLLARD SAMUEL LISTER 10961 ESPLANADE AVE MONTREAL 12 QUE	PH D 4 DU 4252
POLLOCK BERNARD NELSON 805 MCEACHRAN AVE APT 2 OUTREMONT QUE	B ENG 2 CR 2482

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NAME ADDRESS	COURSE & YEAR TEL. NO.
POLLOCK DONALD WILLIAM T 516 GROSVENOR AVE WESTMOUNT QUE	B SC 4 GL 3138
POLLOCK DOUGLAS HAYES 456 PINE AVE W MONTREAL QUE	B ENG CIV 5 LA 2785
POLLOCK PINEY MONTREAL GEN HOSP 156 FRIEL ST OTTAWA ONT	MED DIPL 2
PONDER ARTHUR AUBREY 3010 CEDAR AVE MONTREAL QUE	B ENG 1
POOLE JOHN BURTON MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 5
POOLE JOHN KEMP 3600 UNIVERSITY ST MTL BOX 36 CHAPMAN CAMP B C	MD CM 4 LA 6307
POOLE MELVIN FORREST MACDONALD COLLEGE BRYSON QUE	TCH INT 1
POOLE NORMAN LESLIE 3500 HUTCHISON ST APT 7 MONTREAL QUE BRYSON PONTIAC CO QUE	MD CM 3
POORAN RAMKISSOON HARRY 3454C PEEL ST MTL REFORM SAN FERNANDO TRINIDAD B W I	B COM 2 LA 3587
POPE ALEXANDER CARLETON 4088 HINGSTON AVE N D G MONTREAL QUE	B COM 2 WA 8739
POPESCU AUREL 5174 COTE DES NEIGES RD MONTREAL QUE	B ENG EL 4
POPIEL THADDEUS JOHN 2100 CLAREMONT AVE MONTREAL QUE	B ENG MCH 4 DE 9632
POPLOVE MYRON 4503 MELROSE AVE N D G MONTREAL QUE	D D S 2 WA 8044
POPONZAC NICHOLAS 5817 LASALLE BLVD MONTREAL QUE	B COM 2 TR 9694
PORTEOUS JOHN TIMOTHY 3063 CEDAR AVE MONTREAL QUE	B A 3 FI 8253
PORTEOUS RICHARD DUDLEY 4256 ROYAL AVE MONTREAL 28 QUE	B ENG MCH 4 DE 7436
PORTER DONALD ARTHUR 543 GROSVENOR AVE WESTMOUNT QUE	B SC 1 GL 3776
PORTER NELSON DAVID 3485 MCTAVISH ST MTL FAIRLAWN AYLMER RD R R 1 HULL QUE	B COM 2 MA 0141
PORTER ROBERT LESTER 543 GROSVENOR AVE WESTMOUNT QUE	B SC 1 GL 3776
POSTLE JOANNE ROYAL VICTORIA COLLEGE COPPER MOUNTAIN B C	B SC 3 PL 0598
POSTNER ALICE SADIE 729A BLOOMFIELD AVE OUTREMONT QUE	PARTIAL CA 4201
POTTER CALVIN CUTHBERT 6860 MONKLAND AVE MONTREAL 28 QUE	PH D 4 EL 2685
POTTER GEORGE LESLIE 4140 COTE STE CATHERINE APT 4 MONTREAL QUE	MD CM 2
POTTS RONALD SARGENT DOUGLAS HALL 164 JEFFERSON ST PULASKI NEW YORK U S A	MD CM 3 HA 2828
POULIN MARIE LORETTA 382 BIRCH AVE ST LAMBERT QUE	PHYSIOTH 1 OR 1 6086
POULSON ANDRE ARTHUR 3520 SHUTER ST MONTREAL QUE	B ENG 2 MA 8225
POVILAITIS BRONYS MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
POW ANN PATON 441 ARGYLE AVE WESTMOUNT QUE	B SC 2 WI 8720
POWELL ALAN HARLAN 373 PRINCE ARTHUR ST W MONTREAL R R 1 PORT PERRY ONT	B SC 2 MA 4967
POWELL BRIAN SHARPLES 38 CHURCH HILL WESTMOUNT QUE	B A 1 WE 5984
POWELL LLOYD GLADSTONE 484 PRINCE ARTHUR ST MTL 18 OAKDENE AVE KINGSTON JAMAICA B W I	B SC 3
POWELL MARY SUE ROYAL VICTORIA COLLEGE 20599 S WOODLAND RD SHAKER HEIGHTS 22 OHIO U S A	B A 2 PL 0327
POWER DAVID JOHN 2100 MARLOWE AVE MTL BELVEDERE TRAMORE CO WATERFORD IRELAND	MED DIPL 2
POWTER CHARLES BARRETT 234 STE ANNES ST STE ANNE DE BELLEVUE QUE	B A 3
POZNANSKA CHRISTINE A 11 OLDFIELD AVE APT 3 MONTREAL QUE	B ARCH 2 WI 1890
POZNANSKI ANDREW KAROL 11 OLDFIELD AVE APT 3 MONTREAL 25 QUE	MD CM 1 WI 1890
POZNANSKY JACK 4943 VICTORIA AVE MONTREAL QUE	D D S 4 EL 1723
PRAIRIE JACQUES 3485 CARTIER ST MONTREAL QUE	B ENG COM 5 AM 5375
PRATT CANILLE 2090 SHERBROOKE ST W MONTREAL QUE	B C L 1 WI 9936
PRATT MICHAEL REGINALD C 5126 N D G AVE MONTREAL 28 QUE	B ENG 1 DE 8771
PRENTICE G A RONALD 391 37TH AVENUE LACHINE QUE	B ENG CIV 3 NE5 3692W
PRENTICE JAMES DOUGLAS DOUGLAS HALL BOX 2070 R R NO 5 VICTORIA B C	M SC 1 MA 3888
PRESNER LILLIAN SHEILA 5569 DUNSMORE AVE MONTREAL QUE	B A 3 EX 2130
PRESTON JANET 103 BALLANTYNE AVE N MONTREAL WEST QUE	B SC 4 WA 6987
PRICE ALBERT EDWARD C 7570 QUERBES ST MONTREAL QUE	TCH ELEM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PRICE JOHN DAVID E DOUGLAS HALL 3851 UNIVERSITY ST MONTREAL QUE	MD CM 3 MA 3888
PRICE JOHN WYLAM 7544 DUROCHER AVE MONTREAL 15 QUE	M A 2 VI 0416
PRICE WILLIAM FREDERICK 480 BERWICK AVE TOWN OF MT ROYAL QUE	B ENG 1 AT 3621
PRIMOMO GENE VICTOR MACDONALD COLLEGE 490 DELAWARE AVE ALBANY N Y USA	D D S 3
PRINGLE JOHN SKINNER 3653 UNIVERSITY ST MTL 359 ST MAURICE ST THREE RIVERS QUE	B ENG MCH 5 PL 2703
PRIPSTEIN MORRIS 6344 MACDONALD AVE HAMPSTEAD QUE	B ENG 1 WA 0279
PRITCHARD ERNEST T MACDONALD COLLEGE 53 FULTON AVE OTTAWA ONT	M SC 1
PRITCHARD GERTRUDE E MACDONALD COLLEGE BOX 336 BUCKINGHAM QUE	B SC H EC 4
PROCOPE NORRIS EGERTON 3548 HUTCHISON ST MTL 3 ALEXANDRA ST PORT OF SPAIN TRINIDAD B W I	PARTIAL BE 9082
PROMISLOW BARRY JOSEPH 3851 UNIVERSITY ST MTL 3037 ROBINSON ST REGINA SASK	B COM 3 BE 9490
PRONOVOST RICHARD GERARD 3459 DRUMMOND ST MTL 3110 5TH AVE SHAWINIGAN SUD 2 QUE	B ARCH 2 BE 0653
PROSEK WILLIAM 4012 COLONIAL AVE MONTREAL QUE	D D S 1
PROTONOTARIOS PAT 7820 DUROCHER ST MONTREAL QUE	PARTIAL CR 6555
PRUSTI BANSI DHAR 3485 MCTAVISH ST MTL HARICHANDANPW P O KEONJHAN DIST ORISSA INDIA	PH D 2 BE 0424
PRZYSIEZNIK WALTER 7775 DE L EPEE MONTREAL 15 QUE	B SC 3 DO 9561
PTACK HERBERT 5359 WAVERLEY ST MONTREAL QUE	B SC 1 DO 2866
PUDDICOMBE JULIA E MACDONALD COLLEGE 3 CRESCENT HEIGHTS OTTAWA ONT	HOMEMAKER 1
PUDDICOMBE SARAH FOGG 4335 MONTROSE AVE WESTMOUNT QUE	B A 2 WI 4027
PUDIFIN ARTHUR DONALD 3481 PARK AVE MONTREAL QUE	PARTIAL BE 6529
PUHVEL MARTIN 8439 QUERBES AVE MONTREAL QUE	B A 4 QR 3771
PUISTONEN VEIKKO 1671 SHERBROOKE ST W MTL 131 GEORGE ST NORANDA QUE	B COM 4 WI 1684
PURCELL MAC ANNA GENEVA R V C KEMPTVILLE ONT	B N 2 PL 1251
PURITT LAWRENCE IAN 4982 ROSEDALE AVE N D G MONTREAL QUE	B SC 1 DE 4248
PURSER RICHARD TALBOT 4250 SHERBROOKE ST W APT 19 WESTMOUNT QUE	B SC 2 FI 7117
PURVIS JOHN LINES 3655 OXENDEN AVE MTL 30 WAYSIDE PL MONTCLAIR N J USA	M SC 1 MA 3014
PUSARAUSKAS ALFREDAS 5559 ESPLANADE AVE MONTREAL QUE	B ENG 2 DO 8507
PUSTOWKA KAROL PAUL 1020 VAN HORNE AVE OUTREMONT QUE	B A 1 TA 8274
PUTSEP LEMBIT 4630 DECARIE BLVD APT 7 MONTREAL QUE	B ENG 2 HU 8 5376
PUVREZ MARQUERITE RENEE 5582 GATINEAU AVE MONTREAL QUE	MD CM 1 EX 4132
PUVREZ MARIE FRANCOISE 5582 GATINEAU ST APT 14 MONTREAL QUE	B SC 4 EX 4132
PUVREZ MARIE GENEVIEVE 3500 DUROCHER AVE MONTREAL QUE	MD CM 2 LA 0491
PYE BRIAN EDWIN 1569 MCGREGOR AVE MTL 115 HAVELOCK AVE OTTAWA ONT	B ARCH 6 WE 0569
PYLKO THADDEUS Y M C A DRUMMOND ST MTL 157 BAKER ST SUDBURY ONT	B COM 3 MA 4171
PYTEL ANDREW HENRY 6535 MONTEE ST MICHEL NEW ROSEMOUNT QUE	B A 3 VI 2767

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QUAIN JOAN WENDY LYNNE ROYAL VICTORIA COLLEGE KINGSMERE QUE	B COM 2
QUAIN JOHN HAMILTON 3434 MCTAVISH ST MTL KINGSMERE QUE	B C L 3 PL 4492
QUAIN REDMOND C H 3434 MCTAVISH ST MTL KINGSMERE QUE	B C L 3 PL 4492
QUASTEL DAVID MURRAY J 3488 NORTHCLIFFE AVE MONTREAL QUE	B SC 2 WA 3475
QUASTEL MICHAEL REUBEN 3488 NORTHCLIFFE AVE N D G MONTREAL QUE	B SC 4 WA 3475
QUAYLE WILLIAM DOUGLAS 13 WINSTON CIRCLE POINTE CLAIRE QUE	B COM 2
QUESNEL LEON GASTON 3840 LINTON AVE APT 6 MONTREAL QUE	B ENG 2
QUESNEL RACHEL FLORIANNE MACDONALD COLLEGE 283 BLVD DU HAVRE VALLEYFIELD QUE	HOMEMAKER 1
QUILICI GILBERT ROY 3610 DUROCHER ST APT 27 MONTREAL QUE 518 SIERRA AVE MTN VIEW CALIF U S A	MD CM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
QUINLAN FRANK JOHN B 4410 ST CATHERINE ST W APT 3 WESTMOUNT QUE	B A 1 WI 7090
QUINLAN JAMES JR 368 REDFERN AVE WESTMOUNT QUE	B ENG 1
QUINLAN JANET ELIZABETH 3025 SHERBROOKE ST W APT 39 MONTREAL QUE	B COM 1 WI 5228
QUINN BRIAN DESMOND 6864 MOLSON ST ROSEMOUNT 36 QUE	B SC 1 CA 9159
QUINN FELIX JOSEPH 4139 SHERBROOKE ST W MONTREAL QUE P O BOX 60 BEDFORD N S	B ENG MET 4
QUINT BETTY SHEILA 1540 LAJOIE AVE OUTREMONT QUE	B A 3 TA 2731
QUINT SORYL 1540 LAJOIE AVE OUTREMONT QUE	B A 2 TA 2731

R

RABIN MARTIN JEFFREY 4750 MERIDIAN AVE MONTREAL 6 QUE	B A 4 WA 9584
RABINOVITCH HYMAN 4649 CLARK ST MONTREAL QUE	B SC 2
RABINOVITCH ISAAC SAMUEL 758 DAVAAR AVE OUTREMONT QUE	B COM 3 CR 4769
RABINOVITCH MYRA MACDONALD COLLEGE 751A DE L EPEE AVE OUTREMONT QUE	TCH ELEM 1
RABINOVITCH ROSLYN 758 DAVAAR AVE MONTREAL QUE	B A 1 CR 4769
RACEY H SUSAN 468 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B COM 2 EX 6798
RADLEY ELIZABETH ANN ROYAL VICTORIA COLLEGE 1386 NICOLA ST APT 20 VANCOUVER B C	B A 4 PL 0180
RAE ALEXANDER STEPHEN 39 MONTEE STE MARIE STE ANNE DE BELLEVUE QUE P O BOX 276 STE ANNE DE BELLEVUE QUE	B A 2
RAE DONALD WILLIAM 7578 CHAMPAGNEUR AVE MONTREAL QUE	B ENG 2 TA 9736
RAETHER EVERETT ERVIN 3431 DRUMMOND ST MTL WHITEFIELD N H U S A	B SC 3 MA 0243
RAFAEL HOWARD 5754 ST LAWRENCE BLVD MONTREAL QUE	B ENG 1
RAFF ANTON DONALD 622 MURRAY HILL WESTMOUNT QUE	A & S COM 1 DE 4871
RAGINSKY BRUCE THEODORE 4891 ISABELLA AVE MONTREAL QUE	B ENG MCH 5 AT 7614

NAME ADDRESS	COURSE & YEAR TEL. NO.
RAM ARLINE RHONA 2825 WILLOWDALE AVE MONTREAL QUE	B A 2 AT 1223
RAMAN ELOHIM 3650 OXENDEN AVE APT 6 MONTREAL EDIF CONDESA X2 MEXICO 11 D F MEXICO	B A 4 BE 4004
RAMAN RADHA KRISHNAN 3474 MCTAVISH ST MTL SESHASAYEE BROS LTD TRICHINOPOLY MADRAS INDIA	B ENG CH 5 LA 2730
RAMIREZ ALBERTO MAURICIO 357 KENSINGTON AVE WESTMOUNT DIRIAMBA CARAZO NICARAGUA C A	B ARCH 5 WE 0815
RAMNARINE DEO R 3454C PEEL ST MTL 3A AMBARD ST SAN FERNANDO TRINIDAD B W I	B ENG 2 LA 3587
RAMSAY ALBERTA 451 MOUNTAIN AVE WESTMOUNT QUE	PARTIAL WI 7290
RAMSAY ALLAN GEORGE 194 VICTORIA ST LONDON ONT	MED DIPL 4
RAMSDEN WILLIAM CHARLES 822 BUCHANAN AVE VILLE ST LAURENT QUE	B ENG 1 BY 3491
RAMSEY COLIN GEORGE 343 OLIVIER AVE WESTM T 1179 BOYLSTON ST APT 48 BOSTON 15 MASS USA	MED DIPL 3
RAMSEY THOMAS ALFRED 2035 PATRICIA AVE MTL 367 INDIAN GROVE TORONTO 9 ONT	B D 2 DE 5388
RANDALL JOHN THOMAS 3638 DUROCHER ST APT 1 MONTREAL QUE 735 N E 120TH ST PORTLAND OREGON U S A	MD CM 3 HA 5793
RANDLES KATHYA 1575 SUMMERHILL AVE APT 402 MONTREAL QUE	M S W 1 FI 0996
RANES JAMES WILBUR 3485 MCTAVISH ST MTL 410 HENRY ST HASBROUCK HTS N J U S A	PARTIAL
RANKIN COLIN 52 GOLF AVE POINTE CLAIRE QUE	B ENG 1
RAO BAPOJE KISHEN MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 1
RAPER HEATHER JOAN ROBB MACDONALD COLLEGE 5540 QUEEN MARY RD MONTREAL QUE	TCH KIND 1 EL 8312
RAPHAEL HUGH ALEXANDER 3517 HUTCHISON ST MTL 135 EASTERN PARKWAY BROOKLYN 17 N Y USA	MD CM 1 PL 6905
RAPHAEL JAMES CLARENCE 3500 SHUTER ST APT 3 MTL 3147 CLAREMONT AVE BERKELEY 5 CALIF U S A	MD CM 4 MA 6783
RAPHAEL PAULA MACDONALD COLLEGE 6117 HUTCHISON ST MONTREAL QUE	TCH ELEM 1
RAPOPORT HARRY 4265 ST URBAIN ST APT 5 MONTREAL QUE	B ENG MCH 3 BE 7837

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NAME ADDRESS	COURSE & YEAR TEL. NO.
RASKIN IRVING HAROLD 5320 CASGRAIN AVE MONTREAL QUE	B COM 3 GR 3700
RASMUSSEN ANITA HANNIE 3612 OXENDEN AVE MONTREAL QUE	B SC 2 LA 4065
RASMUSSEN FLEMMING H 180 FIRST ST ST LAMBERT QUE	B ENG 1 OR 1 8510
RASMUSSEN OLAF SANDY 3478 MCTAVISH ST MTL RUSTLINGS WOODLANDLAY PURLEY SURREY ENG	B COM 2 PL 7412
RATNER JACK THEODORE 1539 LAJOIE AVE OUTREMONT QUE	MD CM 3 DO 6923
RATTRAY MARGARET I D 33 REGENT ST GREENFIELD PARK QUE	B SC 3 OR1 6603
RAUCH FLORENCE MACDONALD COLLEGE 259 MT ROYAL ST E MONTREAL QUE	TCH ELEM 1 LA 0374
RAYMOND ADBLARD 3509 REDPATH ST MONTREAL QUE	B ENG 2 PL 2444
RAYMOND ALLAN 4877 LACOMBE AVE MONTREAL 26 QUE	B COM 4 AT 0925
RAYMOND JANINE MARIE 374 WOOD AVE WESTMOUNT QUE	B SC 2
RAYMOND MARGARET ELVA ROYAL VICTORIA COLLEGE 1051 RICHMOND ST LONDON ONT	B A 4 PL 0334
REA WILLIAM 164 BROCK AVE N MONTREAL WEST QUE	B ENG CIV 3 EL 2565
READ CHARLES HERBERT 280 BOREBANK ST WINNIPEG MAN	PH D 4
READ GORDON ARMSTRONG 5387 BOURRET AVE MONTREAL 29 QUE	B ENG CIV 5 AT 5127
READ KENNETH CHARLES 5387 BOURRET AVE MONTREAL QUE	B ENG MCH 4 AT 5127
READ KENNETH RICHARD H 3431 DRUMMOND ST MTL EASTBROOK HALL DINAS POWIS GLAM WALES	B SC 4 MA 0243
REBOLLEDO MANUEL 4999 VICTORIA AVE MTL CALLE 5A NORTE 1 71 CALI COLOMBIA S A	MD CM 2
REDGELL ALFREDA STUART 5346 COOLBROOK AVE MONTREAL QUE	PHYSIOTH 3 DE 9024
REDMAN FRANCIS HAMILTON MACDONALD COLLEGE CENTRAL SANTA FE SAN PEDRO DE MARCORIS DOM REPUBLIC	B SC AGR 1
REDPATH LAWRENCE ANDREW 436 STRATHCONA AVE WESTMOUNT QUE	B ENG 2 WE 3309
REDSTON JOHN WEBB 501 CLAREMONT AVE WESTMOUNT QUE 286 N MOUNTAIN AVE MONTCLAIR N J USA	B ENG 1
REED GORDON ARTHUR D 5523 MCLYNN AVE N D G MONTREAL QUE	B ENG 2 AT 2848
REED JAMES MEDILL 373 PRINCE ARTHUR ST MONTREAL QUE 154 N W ST FARMINGTON ILL U S A	MD CM 3 MA 4967
REED MARGARET ANGELA 23 SOURCES RD STRATHMORE QUE	B SC 4
REED RAYMOND WILLIAMSON 23 SOURCES RD STRATHMORE QUE	B ENG EL 4 ME 1 1163
REED SALLY LANSING 23 SOURCE RD STRATHMORE QUE	B A 1 ME 1 1163
REENS PAUL JACQUES H MACDONALD COLLEGE 11 COURBET ST AMSTERDAM NETHERLANDS	B SC AGR 1
REES MORGAN VAN ALLEN DOUGLAS HALL 2339 AVE SAN MARTIN SAN JOSE COSTA RICA	B ENG 2
REESE LIONEL 3630 DUROCHER ST MONTREAL QUE	MED DIPL 3 MA 9894
REEVE JAMES HALLOCK 3422 STANLEY ST MTL 23 ORCHARD AVE EMERSON N J U S A	B A 1
REEVE RICHARD JR 3586 DUROCHER ST MTL 1109 MADISON AVE NEW YORK CITY N Y USA	MD CM 2 HA 7989
REEVES DENIS JACQUES 18A CHURCH ST VILLE ST LAURENT QUE	B ARCH 2 BY 1622
REEVES RICHARD PAUL 678 RICHELIEU ST BELOEIL QUE	B ENG 1
REEVES ROBERT SCHNEIDER 5000 BARCLAY AVE APT 4 MONTREAL QUE	MD CM 3
REID ALBERT RICHARD 3880 PLAMONDON AVE APT 7 MONTREAL QUE	PH D 4
REID ALLAN ARCHIBALD 832 HARTLAND AVE OUTREMONT QUE	B COM 4 AT 2270
REID ANTHONY FELIX M 457 STRATHCONA AVE WESTMOUNT QUE	B COM 1 GL 1827
REID DONALD MAYLOR 316 STRATHEARN AVE MONTREAL WEST QUE	B COM 2 EL 1212
REID F THEODORE JR DOUGLAS HALL 211 WEST 138TH ST NEW YORK 30 N Y USA	MD CM 3 HA 2828
REID FREDERICK ALLAN JR 557 ROSLYN AVE WESTMOUNT QUE	B COM 2 WA 2167
REID GERALD MCLEAN 630 KENASTON AVE MONTREAL 16 QUE	B ENG EL 3 EX 0737
REID JACK ELMER MACDONALD COLLEGE 217 MOUNT VERNON AVE MONTREAL WEST QUE	B SC AGR 1
REID JEAN ELIZABETH R V C 55 HOSPITAL ST SYDNEY N S	PHYSIOTH 1
REID JEREMY THOMAS 457 STRATHCONA AVE WESTMOUNT QUE	B ENG MCH 5 GL 1827

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NAME ADDRESS	COURSE & YEAR TEL. NO.
REID KENNETH HOWARD 574 COTE ST ANTOINE RD WESTMOUNT QUE	B SC 2 WA 4617
REID LOYAL LINTON JR CORNER BROOK NFLD	B COM 1
REID MARY ELINOR MACDONALD COLLEGE 130 MACLAREN ST OTTAWA ONT	B SC H EC 1
REID ROBERT DUNCAN STEVE 452 STRATHCONA AVE WESTMOUNT QUE	B COM 1
REID TERENCE JOHN DOUGLAS HALL 9 EDGEHILL RD LAMBTON MILLS TORONTO 18 ONT	B ARCH 4
REILLY DOREEN MARY ROYAL VICTORIA COLLEGE 57 BELLEVUE ST DRUMMONDVILLE QUE	B A 2 PL 0847
REILLY PATRICIA JANE 210 CHESTER AVE TOWN OF MT ROYAL QUE	B SC 1 AT 3473
REIMAN JESSIE MACDONALD COLLEGE 1065 VAN HORNE AVE APT 2 MONTREAL QUE	TCH ELEM 1 VI 3163
REINER EVA VERONIQUE 942 PRATT AVE OUTREMONT QUE	B ENG PHY 3 RE 3 2400
REINER THOMAS HERMAN 3609 UNIVERSITY ST MTL AV ANTONIA VARAS 443 SANTIAGO DE CHILE	B ENG 2 LA 6307
REISKIND ELENA PHYLISS 1303 BERNARD AVE APT 4 MONTREAL QUE	B A 2 CA 3997
REITER WILLIAM RALPH 42668 CLARK ST MONTREAL QUE	B ARCH 3 LA 5444
REJHON GEORGE 1525 CLEMENCEAU AVE VERDUN QUE	B SC 2 HE 3429
RENAUD DENYSZ 3438 ST HUBERT ST APT 12 52 CASOT AVE QUEBEC CITY QUE	PHYSIOTH 1 MA 9329
RENNIE DOUGLAS LLOYD C 5209 SHERBROOKE ST W APT 40 MONTREAL QUE	M A 2 BY 6664
RENTELN BARBARA HELEN MACDONALD COLLEGE 3550 RIDGEWOOD MONTREAL QUE	HOMEMAKER 1
RENTON ALEXANDER J 1338 BEATTY AVE VERDUN QUE	MD CM 2 PO 6 4007
RENWICK DONALD GORDON 312 BROCK AVE N MONTREAL WEST QUE	B COM 4 DE 9617
REOCH MARY LOUISE 5590 N D G AVE MONTREAL QUE	EDUCATION 5 EL 8040
RESPITZ OSCAR 1945 BARCLAY AVE MONTREAL QUE	B C L 2 EX 1534
RESZETNIK MARTIN STANLEY WILSON HALL 185 WALTER ST KITCHENER ONT	B ENG CIV 5
REUTCKY MATTHEW ALEXANDER 7202 BLOOMFIELD AVE MONTREAL QUE	B SC 3 DO 9288
REVINGTON WILLIAM HARVEY 3485 MCTAVISH ST MTL LUCAN ONT	D D S 2 BE 0424
REYNOLDS JOHN ROGER MACDONALD COLLEGE THE NEW INN SHALFLEET ISLE OF WIGHT ENGLAND	B SC AGR 2
REYNOLDS LAURA WOLCOTT ROYAL VICTORIA COLLEGE 334 HAMMOND ST CHESTNUT HILL MASS U S A	B SC 2 PL 0571
REYNOLDS ROGER JAY 237 MOUNT VERNON AVE MONTREAL WEST QUE	B SC P ED 3 WA 1254
REYNOLDS RUTH SEARS ROYAL VICTORIA COLLEGE 334 HAMMOND ST CHESTNUT HILL MASS U S A	B A 2 PL 0634
REYNOLDS WILLIAM HAROLD 3614 DECARIE BLVD APT 2 MONTREAL QUE	B C L 1 EL 5675
RHEA LAWRENCE DAVID 1620 CEDAR AVE APT 3 MONTREAL 25 QUE	MD CM 1 FI 6968
RHODES BRIAN WOODBRIDGE MACDONALD COLLEGE 70 ST CHARLES RD GREENFIELD PARK QUE	B SC AGR 2
RIBEIRO ADAO 1001 SHERBROOKE ST W MTL PRAIA FLAMENGO RIO JANEIRO BRAZIL	B ENG EL 3 MA 7854
RICE EDWARD ARTHUR 4354 WILSON AVE MONTREAL QUE	B ENG 1 DE 0392
RICE ELWOOD JOHN 3429 PEEL ST MTL 16 5TH ST E CORNWALL ONT	B ENG EL 3 PL 7385
RICE ROBERT LOUIS 3629 OXENDEN AVE MTL C O REV F L RICE HERRING COVE N S	PH D 1 MA 6462
RICE RUTH ANN PATRICIA ROYAL VICTORIA COLLEGE WINDSOR MILLS QUE	B SC P ED 2
RICHARD MAURICE 3500 ST FAMILLE ST MTL 1663 NOTRE DAME ST THREE RIVERS QUE	B COM 4 LA 9549
RICHARDS ANTONIA ROYAL VICTORIA COLLEGE 340 EAST 57TH ST NEW YORK NEW YORK U S A	B A 1
RICHARDS HARRY 4123 WESTERN AVE APT 15 MONTREAL QUE	B COM 3 WE 1924
RICHARDS JOHN EDWIN 5135 WALKLEY AVE APT 23 N D G MONTREAL QUE	B COM 4 HU 8 4955
RICHARDS ROBERT PIERCE MACDONALD COLLEGE 6061 DUROCHER AVE OUTREMONT QUE	B SC AGR 2
RICHARDSON CAROL JEAN MACDONALD COLLEGE 715 PARKDALE AVE OTTAWA ONT	B SC H EC 4
RICHARDSON EDWARD LEROY 3632 PARK AVE MTL WELLINGTON ST GEORGE BERMUDA	B A 2 BE 5524
RICHARDSON JACK EDWIN 3544 PEEL ST MONTREAL QUE	LL M 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
RICHARDSON NIGEL HARRY 2210 DORCHESTER ST W APT 7 MONTREAL QUE	PARTIAL WE 6150
RICHER GUY CLAUDE 1894 CENTRE ST MONTREAL QUE	B ENG 2 WE 7454
RICHTER MAXWELL 5322 ESPLANADE AVE MONTREAL QUE	B SC 3 VI 5468
RICHTER RUDI ERICH 3609 UNIVERSITY ST MTL 276 DAVIS ST ARVIDA QUE	B ENG 2 LA 6307
RICKETSON CHARLES LEWIS MACDONALD COLLEGE BRIDGETOWN R R 4 ANNA CO N S	B SC AGR 4
RIDER MARTHA RUSSELL MACDONALD COLLEGE 100 DUFFERIN RD VALLEYFIELD QUE	B SC H EC 4
RIDGE FRANK GERALD 3419 SIMPSON ST MTL 268 ROSEDALE AVE HAMILTON ONT	PH D 3 WI 4891
RIDLEY ROBERTA LLEWELLYN MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 1
RIESZ GEORGE 3289 APPLETON MONTREAL QUE	B A 4 AT 5921
RIGGS BENJAMIN GEORGE 335 QUERBES AVE OUTREMONT GRAND BANK NFLD	D D S 3 TA 8043
RILEY RONALD THOMAS 29 RAMEZAY RD MONTREAL QUE	B ENG 2 WI 5547
RIMER GERALD 4352 WILSON AVE MONTREAL QUE	B COM 2 EL 1379
RINGROSE LYONS MICHAEL MACDONALD COLLEGE BOX 297 TEMISKAMING QUE	D D S 3
RIORDON JOHN SPRUCE 4084 COTE DES NEIGES RD R R 1 DUNHAM QUE	B ENG 1
RIORDON RODERICK CHARLES DOUGLAS HALL R R 1 DUNHAM QUE	B ENG EL 4 WA 9887
RIOUX MICHAEL EDGAR 2053 METCALFE ST MTL 2250 FRASER AVE WINDSOR ONT	B C L 2 BE 0376
RIOUX NAPOLEON GILLES 486 WOOD AVE WESTMOUNT 332 HIGH ST SHERBROOKE QUE	B ARCH 2 GL 3486
RIPLEY JAMES GORDON 3485 MCTAVISH ST MTL 83 CLARENDON AVE OTTAWA ONT	B ENG CIV 5 MA 0121
RIPSMAN MICHAEL 1928 BARCLAY AVE MONTREAL QUE	B A 4 EX 5844
RISK JOHN MATTHEW 3482 MCTAVISH ST MTL 52 DUNDAS ST KINGSTON ONT	B ENG 2 PL 1674
RITCHIE AGNES MACLAREN MACDONALD COLLEGE 4348 MELROSE AVE N D G MONTREAL 28 QUE	TCH ELEM 1
RITCHIE CLAIRE WINNIFRED MACDONALD COLLEGE BOX 104 BILLINGS BRIDGE ONT	B SC H EC 3
RITTER ROBERTA 5275 DUROCHER AVE OUTREMONT QUE	B A 4 CR 4686
RIVARD LOMER 1322 SHERBROOKE ST EAST MONTREAL QUE	B C L 2 FR 4106
RIVERS WILLIAM ALEXANDER 3466 MCTAVISH ST MTL 1476 WEST 14TH AVE VANCOUVER B C	MD CM 2 LA 9533
ROACH EDWARD JOHN 3431 DRUMMOND ST MTL 2505 EAST 23RD AVE VANCOUVER 12 B C	B SC 1 MA 0243
ROBAR BERTRAM WILLIAM 1736 GALT AVE COTE ST PAUL QUE MONTREAL QUE	B ENG 2
ROBB JAMES ALEXANDER 600 SHERBROOKE ST W MTL R R 2 HUNTINGDON QUE	B C L 2 LA 2246
ROBB WILLIAM MARTIN 3647 UNIVERSITY ST MTL HUNTINGDON QUE	B SC P ED 3 MA 2806
ROBERT RAYMOND ROGER 1676 VAN HORNE AVE OUTREMONT QUE	B C L 2 CR 4038
ROBERTON BARBARA BAILLIE 3875 RAMEZAY RD MONTREAL QUE	B ARCH 2 FI 8981
ROBERTON CHARLES JAIME 3875 RAMEZAY RD MONTREAL QUE	B SC 2 FI 8981
ROBERTON SONIA JEAN 36 EDGEHILL RD MONTREAL QUE	B COM 3 WA 3967
ROBERTS CYNTHIA WYNNE HUDSON HEIGHTS QUE	B A 2
ROBERTS JOHN PETER 4253 PROVOST LACHINE QUE	B ENG MET 3
ROBERTS KENNETH ROSS 232 EGAN AVE VERDUN QUE	B ENG 1 HE 6532
ROBERTS ROBERT EDMUND 3633 OXENDEN AVE MTL NO 2 COURTAULDS AVE CORNWALL ONT	B SC 3 LA 6896
ROBERTS RONALD 5436 JEANNE MANCE ST MONTREAL QUE	B ENG 1
ROBERTSON ANDREW MICHAEL 4541 OXFORD AVE MONTREAL QUE	B SC 2 EL 2655
ROBERTSON DONALD MARTIN 267 BROCK AVE N MONTREAL WEST QUE	B COM 1 EL 4446
ROBERTSON DONALD REID 3890 ST JOSEPH ST LACHINE QUE	B SC P ED 2 NE 5 1434
ROBERTSON GEORGE ROSS 719 HUDSON AVE MONTREAL QUE MONTREAL QUE	B ENG 1 EL 4720
ROBERTSON IVAN LAURIE C V T OLD AIRPORT CALGARY ALTA	B SC P ED 3
ROBERTSON ROBERT GORDO 160 SPRINGFIELD AVE GREENFIELD PARK QUE	B ENG 1 OR 1 9489
ROBERTSON RODERICK F 3560 UNIVERSITY ST MTL 3025 FRASER ST VANCOUVER 10 B C	PH D 4 PL 4351

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ROBERTSON RONALD S 3581 UNIVERSITY ST MTL 2025 LORNE ST REGINA SASK	D D S 2 MA 3842
ROBERTSON ROSS IAN 26 CONDOVER RD POINTE CLAIRE QUE	B ENG 1
ROBIC J MARC 49 HAZELWOOD AVE MONTREAL QUE	B SC 3 AT 3143
ROBILLARD ANDRE ALBERT 4043 DES ERABLES ST MTL 7 YOUVILLE ST VARENNES QUE	B ENG 2 FR 4139
ROBILLARD ROLAND 14 COURCELETTE OUTREMONT ST CUTHBERT CO BERTHIER QUE	B C L 4 TA 1694
ROBINSON FRANCIS J 186 ST ELIZABETH ST LONG 47 JOLIET ST LACONIA N H U S A	MD CM 4 OR 5 0882
ROBINSON HAROLD ARZINA 3511 HUTCHISON AVE MTL 414 BAKER ST LONDON ONT	B ENG 1
ROBINSON HERBERT W 3650 OXENDEN AVE MONTREAL QUE	B ARCH 3 PL 2422
ROBINSON HUGHES ALONZO P O BOX 921 NEWARK 1 NEW JERSEY USA	M A 1
ROBINSON JEAN EUPHEMIA 228 O BRIEN BLVD VILLE ST LAURENT QUE	L MUS 2 BY 3733
ROBINSON JOHN ALAN B 479 PRINCE ARTHUR ST W MONTREAL 1252 RETALLACK ST REGINA SASK	D D S 4 MA 3971
ROBINSON JONATHAN JOSEPH 36 FORDEN CRESCENT WESTMOUNT QUE	B C L 4 EL 7177
ROBINSON MARTIN CURTIS WILSON HALL 3000 15TH AVE REGINA SASK	B SC 4 PL 0254
ROBINSON PATRICIA GUNN R V C THORNFIELD WILLASTON NANTWICH CHESHIRE ENGLAND	M A 1 MA 0120
ROBINSON PATRICIA JOAN 6695 SHERBROOKE ST W MONTREAL QUE	TCH ELEM 1 WA 7401
ROBINSON REGINALD A 418 PRINCE ARTHUR ST MTL R R 1 GREENLAY QUE	B COM 4 HA 2568
ROBINSON WARREN STAPLES 3650 OXENDEN AVE MTL 1 CENTRAL AVE REST PEN HALF WAY TREE JAMAICA B W I	D D S 3 PL 2422
ROBSON HUGH GISLI 6699 SOMERLED AVE MONTREAL QUE	B SC 1 DE 4813
ROCH GUY GASTON 1810 SICARD ST MONTREAL QUE	B ENG EL 3 CL 8386
ROCHE MARY REGINA 64 COLUMBIA AVE WESTMOUNT QUE	B COM 1 FI 8365
ROCHEFORT JOSEPH GUY 3225 FENDALL AVE MTL 275 5TH AVE E NORTH BAY ONT	B SC 3 EX 8095
ROCHESTER PETER DANE L 7 3RD AVE NORANDA QUE	B ENG 2
ROCHON VICTOR JR 1320 CRAWFORD BRIDGE AVE VERDUN QUE	B ENG CH 4 TR 1507
ROCKWELL DUDLEY BOREN 3466 MCTAVISH ST MTL 800 EDISON AVE SUNNYSIDE WASH U S A	MD CM 3 LA 9533
RODMAN HYMAN 5479 ST URBAIN ST MONTREAL 14 QUE	M A 1 CR 7454
RODMAR BASIL 3637 UNIVERSITY ST MONTREAL QUE	B COM 2 MA 1736
RODRIQUEZ FRANCISCO R MACDONALD COLLEGE REVOLUCION 80 MEXICO 18 D F MEXICO	B SC AGR 1
RODRIQUEZ GEORGE HAROLD 7091 DENORMANVILLE ST MONTREAL QUE	B SC 2 TA 8367
ROE SHIRLEY ANNE MACDONALD COLLEGE 376 MAPLE AVE ST LAMBERT QUE	B SC H EC 4
ROGERS ALBERT MCLOON 419 PRINCE ARTHUR W MTL 13 CLAREMONT ST ROCKLAND MAINE U S A	MD CM 2 HA 1088
ROGERS CHARLES GRAHAM MACDONALD COLLEGE 2 NORTH RIVER ROAD CHARLOTTETOWN P E I	M SC 1
ROGERS GEOFFREY RICHARD APT 3 3431 DUROCHER AVE C O SOCONY VACUUM OIL CO 20 RUE DE L HERLOGE CASABLANCA MOROCCO	PARTIAL BE 7830
ROGERS JAMES TERENCE 605 LANSDOWNE AVE WESTMOUNT QUE	PH D 3 WA 3076
ROGERS JOHN VICTOR 39 THURLOW RD HAMPSTEAD QUE	PARTIAL DE 0206
ROGERS SHEILA MARGARET 605 LANSDOWNE AVE WESTMOUNT QUE	B A 4 WA 3076
ROGERS THOMAS WILLIAM 605 LANSDOWNE AVE WESTMOUNT QUE	B ENG CIV 3 WA 3076
ROHOWSKYJ BOHDAN 3546 ST ZOTIQUE ST E MONTREAL QUE	B ENG 1 CA 7493
ROHR HYMAN 5780 WILDERTON AVE MONTREAL QUE	B A 1 EX 0785
ROHRLICH RUTH 1938A BARCLAY AVE MONTREAL QUE	B SC 4 EX 8818
ROISHE TAMARA TAMAR 5258 HUTCHISON AVE OUTREMONT QUE	B SC 1 GR 2597
ROLL MARILYN MIRIAM 4903 FULTON ST MONTREAL 29 QUE	B ARCH 1 AT 3131
ROMAN ROBERT FITZGERALD 419 VICTORIA AVE WESTMT 47 GAULT AVE VALLEYFIELD QUE	B SC 1 GL 4458
ROMCKE ROBERT GEORGE 479 PRINCE ATHUR W MTL 115 SUMMER ST SUMMERSIDE P E I	D D S 4 MA 3971

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ROMER GABRIELLE ALBA 495 PRINCE ARTHUR WEST MONTREAL QUE	M S W 2 PL 6578
RONALD KEITH MACDONALD COLLEGE 2 ELLERDALE RD HAMPSTEAD QUE	B SC AGR 4
RONCARELLI EDWARD 4000 CTE ST CATHERINE RD MONTREAL QUE	B C L 1 EX 3920
ROPARS ANNE MACDONALD COLLEGE R R 4 WINCHESTER ONT	TCH. ELEM 1
ROPER MICHAEL CHARLES DOUGLAS HALL 550 PICCADILLY AVE OTTAWA 3 ONT	B ENG 2
ROPER PETER GIBSON 394 ROSLYN AVE WESTMOUNT QUE	B ENG MCH 3 GL 1230
ROSCOE HELEN MARY LOUISE ROYAL VICTORIA COLLEGE 9 CONNAUGHT AVE HALIFAX N S	B SC 2 PL 0327
ROSE MARION EDITH MACDONALD COLLEGE BOX 154 STANSTEAD QUE	B SC H EC 3
ROSE RAYMOND GILLIES 3425 RIDGEWOOD AVE MONTREAL QUE	MED DIPL 4 EX 6673
ROSEN BARBARA 67 NELSON AVE OUTREMONT 8 QUE	EDUCATION 5 DO 5291
ROSEN BERNARD JOSEPH 77 WINDSOR AVE WESTMOUNT QUE	B ARCH 3 WA 8442
ROSEN HARRY 4123 ST URBAIN ST MONTREAL QUE	D D S 4 LA 7874
ROSEN HASCAL ALLAN 3811 MELROSE AVE MONTREAL QUE	B COM 1 DE 0165
ROSEN LEONARD 2816 WILLOWDALE AVE MONTREAL QUE	B COM 4 AT 1023
ROSEN LESLIE C O MR C KATZ 4674 LAPELTRIE ST MTL 277 WEST END AVENUE NEW YORK 23 N Y U S A	B A 1 EX 8321
ROSENBAUM PETER 4347 WESTMOUNT AVE WESTMOUNT QUE	MD CM 3 EL 8351
ROSENBAUM SHEILA 1515 LAJOIE AVE OUTREMONT QUE	B A 1 DO 3481
ROSENBERG ARTHUR 403 EDWARD CHARLES AVE OUTREMONT QUE	B ENG 1 DO 3989
ROSENBERG SHIRLEY CLAIRE 1526 CRESENT ST MONTREAL QUE	B A 4 LA 1618
ROSENBERG SONIA 1830 DUCHARME AVE OUTREMONT QUE	B A 1 AT 1482
ROSENBLOOM CLAIRE ELEN 369 BLOOMFIELD AVE MONTREAL QUE	B A 1 TA 5767
ROSENFELD MICHAEL 4637 ESPLANADE AVE MONTREAL QUE	B SC 2
ROSENGARTEN MORTON 727 UPPER BELMONT AVE WESTMOUNT QUE.	B COM 2 WA 2002
ROSENHEK HINDA 4800 WILSON AVE N D G MONTREAL QUE	B A 1 DE 1244
ROSENHEK MARVIN MPHILIP 4800 WILSON AVE MONTREAL QUE	B C L 3 DE 1244
ROSENSTONE SHEILA 812 UPPER BELMONT AVE MONTREAL QUE	B A 1 WA 7338
ROSENSWEIG JACOB 5540 LAVOIE ST MONTREAL QUE	MD CM 2 EX 4678
ROSENTHAL PERRY 795 DAVAAR AVE APT 10 MONTREAL QUE	B SC 3 VI 5662
ROSENTHALL LEONARD 716 DE L EPEE AVE APT 10 MONTREAL QUE	MD CM 1
ROSENZVEIG MERVYN I 690 SHERBROOKE ST W MTL 839 MCEACHRAN AVE MONTREAL 8 QUE	B A 4 LA 2244
ROSENZWEIG BERTA MACDONALD COLLEGE 4529 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
ROSMAN NORMAN PAUL DOUGLAS HALL 680 ISLAND PARK DR OTTAWA ONT	B SC 2
ROSS ANDREW GRAHAM 65 ROSEMOUNT CRESCENT MONTREAL 6 QUE	B A 1 FI 8160
ROSS ANDREW RAINY 151 WESTMINISTER AVE MONTREAL 28 QUE	B ARCH 6 WA 4366
ROSS BARBARA ANN MACDONALD COLLEGE WINDSOR MILLS QUE	TCH ELEM 1
ROSS DONALD FRASER 655 COTE ST ANTOINE RD WESTMOUNT QUE	B COM 2 DE 3636
ROSS DOROTHY VERNON 3015 SHERBROOKE ST W APT 21 MONTREAL QUE	PH D 4 WI 4889
ROSS DOUGLAS GRANT MACDONALD COLLEGE 229 TAYLOR ST LONDON ONT	B SC AGR 1
ROSS FRANCES MARION P MACDONALD COLLEGE 140 BELEVEDERE RD QUEBEC QUE	HOMEMAKER 1
ROSS GORDON MCKENZIE DOUGLAS HALL 528 NICOLA ST KAMLOOPS B C	B ENG EL 3 HA 4081
ROSS GRAHAM RUTHERFORD 45 THORNHILL AVE WESTMOUNT QUE	B ENG EL 3 WI 1389
ROSS HELEN RUTH 4521 KENSINGTON AVE MONTREAL QUE	B A 2 EL 2783
ROSS IAN CATHCART 3530 ONTARIO AVE MTL ISLE MALIGNE QUE	B SC 4 HA 8557
ROSS JAMES LEGER 363 LAKE ST LOUIS RD CHATEAUGUAY QUE	MD CM 3
ROSS JOHN ST CLAIR 38 UPPER BELLEVUE WESTMOUNT QUE	B ENG MCH 3 FI 5774
ROSS MALCOLM DONALD MACDONALD COLLEGE 35 REGINA TERRACE HALIFAX N S	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ROSS ROBERT GORDON 24 MAIN ST KENTVILLE N S	M SC 1
ROSS ROBERT MARION JR DOUGLAS HALL 230 E WAYNE ST CELINA OHIO U S A	MD CM 3
ROSS RODERICK COLBY ROYAL VICTORIA HOSPITAL 1643 LINCOLN AVE APT 3 MONTREAL QUE	MED DIPL 4 WE 0892
ROSS ROSS PATRICK ELCHO 3592 UNIVERSITY ST MTL 801 RIVERDALE AVE CORNWALL ONT	B ENG MCH 5 PL 2435
ROSS WILLIAM ROBERT D 2120 ST JOSEPH ST LACHINE QUE	B ENG 2 NE5 0581R
ROTA ALEXANDER NEIL 5582 GATINEAU AVE APT 9 MONTREAL QUE	M SC 1 AT 1561
ROTGAUS LEO IRWIN 1055 BERNARD AVE APT 11 MONTREAL QUE	B ENG 2 TA 1637
ROTH JOHN GORDON 6891 SHERBROOKE W MTL 444 NORTH BATTIN WITCHITA KANSAS USA	M SC 1 HU8 3755
ROTHER GERDA HELENE 4393 HARVARD AVE N D G MONTREAL QUE	B A 1 EL 3160
ROTHMAN BERNARD 789 LEXINGTON AVE MONTREAL QUE	B COM 3 DE 1347
ROTHMAN MELVIN L 690 SHERBROOKE ST W MTL 789 LEXINGTON AVE WESTMOUNT QUE	B C L 2 LA 2247
ROTSTEIN MORRIS 169 DEMERS MONTREAL QUE	B A 3 LA 3898
ROUMBANIS THEODORE MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B ENG PHY 5
ROUNTHWAITE HARRY LESLIE 4573 COOLBROOK AVE MONTREAL QUE	MED DIPL 3 WA 7102
ROUSIER PIERRE JACQUES 5334 MENTANA ST MONTREAL QUE	B ENG 1 CA 4276
ROUSSEAU PAUL WILSON 190 PINE AVE WEST APT 24 MONTREAL BOX 54 AYERS CLIFF QUE	MD CM 2
ROUTTENBERG LOIS ANNE 4974 FULTON AVE MONTREAL QUE	TCH ELEM 1 AT 5780
ROW ROBERT KEABLE BELOIL STATION QUE	MD CM 2
ROWAT RAYMOND MILES 3473 UNIVERSITY ST MTL SHAWVILLE QUE	B C L 2 MA 4902
ROWE OWEN EVAN DE VERE 3679 JEANNE MANCE ST MONTREAL QUE	M S W 2 HA 6851
ROWE SHIRLEY ELIZABETH MACDONALD COLLEGE CHESTERVILLE ONT	B SC H EC 4
ROWLAND ALBERT VICTOR 79 LUCERNE AVE VALOIS GARDENS VALOIS QUE	B COM 2
ROWLEY JAMES ARMITAGE GARDENVALE QUE	B ENG 2
ROY DOUGLAS LEONARD 65 HENRY ST HALIFAX N S	MED DIPL 4
ROY FORREST CHARLES A 1150 ST VIATEUR AVE W OUTREMONT QUE	A & S COM 1 VI 7557
ROY HEATHER RUTH 1050 MT ROYAL BLVD MONTREAL QUE	B SC 3 DO 7711
ROY JOSEPH RENE 7901 DE GASPE APT 1 MONTREAL QUE	B ENG 2 DU 9112
ROY LOUIS PHILIPPE 4579 HUTCHISON ST MONTREAL QUE	M SC 1 QR 7144
ROY RICHARD HART 5245 COTE ST LUC RD APT 10 MONTREAL 129 TREMOY RD NORANDA QUE	B COM 4 EL 3437
RUBENSTEIN BERNARD 4140 CTE ST CATHERINE RD MONTREAL QUE	B A 4 EX 3840
RUBENSTEIN CLAUDE HENRI 4870 COTE DES NEIGES RD MONTREAL QUE	B ARCH 2 AT 0819
RUBENSTEIN FRANCES 4870 COTE DES NEIGES RD MONTREAL QUE	PARTIAL AT 0519
RUBEWSTEIN BERNARD 4672 JEANNEEMANCE ST MONTREAL QUE	B SC 1 BE 9071
RUBIN GERALD MARK 988 PRATT AVE MONTREAL QUE	B SC 2 EX 0233
RUBIN SAM 8606 STUART AVE MONTREAL QUE	B COM 2 TA 9692
RUBINGER FRANCES 6155 DUROCHER AVE OUTREMONT QUE	B A 4 VI 9836
RUBINGER MORTON 705 OUTREMONT AVE APT 2 MONTREAL QUE	B ARCH 2 DO 7487
RUBINOVICH JOEL LAWRENCE 3483 PEEL ST MONTREAL 2 QUE	B COM 4 MA 0932
RUBINSTEIN DAVID 2061 DECARIE BLVD MONTREAL QUE	PH D 3 DE 6683
RUBLEE JACK DRISCOLL 4200 SENNY AVE APT 38 MONTREAL QUE	PH D 2 HU 8 3091
RUBY JASON VICTOR 1060 VAN HORNE AVE APT 1 OUTREMONT QUE	B C L 2 CA 0734
RUDBERG DAN ELIAD 5545 COTE ST LUC RD MONTREAL QUE	B ENG 2 WA 9063
RUDEN JERRY 5301 ESPLANADE AVE MONTREAL QUE	B ENG EL 4 CA 2834
RUDOLPH URS EDWARD MAX MACDONALD COLLEGE IREIE ST 33 ZUERICH 7132 SWITZ	AGR DIP 2
RUDNER MARGOT EUNICE MACDONALD COLLEGE 4938 CIRCLE RD N D G MONTREAL QUE	TCH KIND 1 EL 7971
RUMIN NICHOLAS 1535 ST MARC ST APT 11 MONTREAL 225 SPADINA RD TORONTO ONT	B ENG 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
RUMSCHEIDT FRITZ DETLEV 34 GOLF AVE POINTE CLAIRE QUE	B ENG 2
RUSK MYRON BERNARD 5054 GLENCAIRN AVE MONTREAL QUE	B A 4 EL 9529
RUSKO MICHAEL 3117 THE BOULEVARD MONTREAL QUE	B C L 4 WE 9137
RUSKO STEPHEN 3117 WESTMOUNT BLVD MONTREAL QUE	B COM 2 WE 9137
RUSSELL ANDREA ELIZABETH 1585 PINE AVE WEST MONTREAL QUE	B F A 4 FI 8114
RUSSELL DOUGLAS FERGUSON 41 DUFFERIN RD HAMPSTEAD QUE	B ENG EL 3 EL 4088
RUSSELL DOUGLAS F 521 PRINCE ARTHUR ST MTL R R 3 HARROW ONT	B ENG PHY 3 MA 0858
RUSSELL ELEANOR ANNE MACDONALD COLLEGE 41 DUFFERIN RD HAMPSTEAD QUE	B SC H EC 1
RUSSELL JOHN ALLISON 1455 DRUMMOND ST APT 1019 MONTREAL WOODSIDE COTTAGE ROTHESAY N B	B A 4 BE 8583
RUSSELL ROBERT WATSON 41 DUFFERIN RD HAMPSTEAD QUE	B COM 2 EL 4088
RUTHERFORD EVELYN S 4355 MONTROSE AVE WESTMOUNT QUE	B SC P ED 3 FI 8876
RUTHERFORD IAN HOWARD 4322 MONTROSE AVE WESTMOUNT QUE	B ENG 2 WE 4126
RUTLEY TIMOTHY ARCHIBALD 244 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B ENG MCH 3 AT 1475
RUTTER ELIZABETH ANN ROYAL VICTORIA COLLEGE 100 SIXTH AVENUE GLOVERVILLE N Y U S A	B SC 2 PL 0477
RYAN DONALD WILLIAM 3511 UNIVERSITY ST MTL 3712 ALMERIA ST SAN PEDRO CAL U S A	B SC 3 MA 7527
RYAN FREDERICK JAMES 667 DOMINION ST MONTREAL 3 QUE	B COM 1
RYAN MARY SHEILAGH 4721 WESTERN AVE MONTREAL QUE	B A 3 GL 1548
RYAN MICHAEL THOMAS 3436 MELROSE AVE N D G MONTREAL QUE	PH D 3 HU8 5145
RYANT JOSEPH CHARLES 760A DE L EPEE AVE OUTREMONT QUE	B COM 1 DO 8951
RYCKMAN MARIAN ELSPETH 4190 OXFORD AVE MONTREAL 28 QUE	B SC 1 DE 9029
RYLEY DOROTHY PHYLLIS S ROYAL VICTORIA COLLEGE THE RECTORY UPPERVILLE VIRGINIA U S A	B A 2 PL 0327
RYLEY NANCY ST CLAIR ROYAL VICTORIA COLLEGE 1182 DEVONSHIRE RD WINDSOR ONT	B A 3
RYMANOWSKI EDWARD GORDON 220 ELM AVE WESTMOUNT 89 PARK AVE COHOES N Y U S A	D D S 1 WE 1888
RYMANOWSKI JOHN FRANK JR 220 ELM AVE WESTMOUNT 89 PARK AVE COHOES N Y U S A	D D S 4 EL 1888
RYMER SHEILA MARGARET 3453 SHUTER ST MTL 150 TAMARACH ST TIMMONS ONT	GR N CERT 1 HA 0925

S

SABIN DOROTHY 4824 ESPLANADE AVE MONTREAL QUE	B A 3 CA 1770
SABIN MORRIS 4824 ESPLANADE AVE MONTREAL QUE	MED DIPL 2 CA 1770
SABORIO ARTURO 744 DES SEIGNEURS ST MTL P O BOX 192 SAN JOSE COSTA RICA	MUS QUAL 1 WI 5329
SACKS WILLIAM 2589 NOTRE DAME ST E MONTREAL QUE	PH D 2 HO 0021
SAFFRAN SHIRLEY 5207 DALOU AVE MONTREAL QUE	B A 1 EL 4889
SAFULKO PETER 4610 COLONIAL AVE MONTREAL 14 QUE	B ENG MCH 3 BE 5938
SAGAY ALEXANDER DEDE 3557 HUTCHISON ST MTL PACIFIC HOUSE CAPELE NIGERIA	B SC 2 BE 0408
SAINT DENIS PIERRE E J 2090 SHERBROOKE ST W MONTREAL QUE	B ENG 1 GL 4391
ST HILAIRE CLAUDE 5539 WOODBURY AVE APT 15 LUCEVILLE QUE	B ENG CIV 5 HO 9664
ST OUGE ANDRE 3535 DUROCHER ST MTL 52 4TH AVE AMOS QUE	B ENG 1 MA 4893
SALAMIS CONSTANTINE B 1001 MACNOUGHTON RD MONTREAL QUE	B ENG 2 AT 3959
SALEH GEORGE ALBERT 3515 VAN HORNE AVE MONTREAL QUE	B SC 1
SALEH SAMIR MINISTRY OF FOREIGN AFF BEIRUT LEBANON	LL M 1
SALISBURY WEIL SONIA R 3638 LORNE CRESCENT MONTREAL 2 QUE	B SC 2 PL 6062
SALMON HENRY ARTHUR 2332 CLIFTON AVE N D G MONTREAL QUE	B COM 1 DE 3854
SALMON HERBERT CLEMENTS 1924 ST CATHERINE ST APT 3 MONTREAL QUE	B C L 3 FI 6723
SALOMON NATHANIEL HENRY 4047 GREY AVE N D G MONTREAL QUE	B A 4 EL 8863
SALVAS JOSEPH FERDINAND 15 DE L EPEE AVE OUTREMONT QUE	D D S 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SALZER PETER BEN M 1336 SHERBROOKE ST W MTL C O SALZER HAVERO SWEDEN	B A 2 PL 5031
SAMBORSKI DANIEL JAMES MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
SAMIS PHILIP LAWRENCE 1562 PINE AVE W MTL 320 KING ST EAST OSHAWA ONT	B SC 2
SAMOTIS MORRIS 5654 ORLEANS AVE MONTREAL QUE	B COM 3 TU 7351
SAMPSON HUBERT 1850 LINCOLN AVE MONTREAL QUE	PH D 3
SAMUELS GEORGE 432 CHURCH AVE APT 2 VERDUN QUE	M S W 2 YO 3720
SAMUELS KALMAN 187 BLOOMFIELD AVE OUTREMONT QUE	B C L 3
SANDERS WILLIAM DUNCAN 4534 MARCIL AVE MONTREAL QUE	D D S 2 EL 8010
SANDERSON EDWIN STANLEY 4270 CAVENDISH BLVD APT 21 N D G MTL QUE	PH D 3
SANDERSON JOHN PETER 3532 KENT AVE MONTREAL QUE	B A 1 AT 8048
SANDOE JOHN 1305 PINE AVE W MTL 13 BACTON RD FELIXSTOWE SUFFOLK ENG	B A 4
SANDZELIUS JAN ALLAN T 224 METCALFE AVE WESTMOUNT QUE	B ENG AM 3 WI 0280
SANFT ELAINE LINDA 4976 GLENCAIRN AVE MONTREAL QUE	PARTIAL WA 9712
SANIELEVICI YVONNE 3260 RIDGEWOOD AVE MTL 39 AVE DEL CASTILLO MEXICO CITY 10 MEXICO	B A 2 EX 7648
SANKEY LLOYD PHILIP 5958 6TH AVE ROSEMOUNT QUE	B ENG 1 TA 1003
SANKOFF IRWIN 464 DUFFERIN RD HAMPSTEAD QUE	B SC 1 EL 2879
SANSCARTIER GERARD J 1025 SHERBROOKE ST MTL 85 SANSCARTIER ST GATINEAU QUE	B ENG CH 5
SANSCARTIER LEO 1025 SHERBROOKE W MTL GATINEAU MILLS QUE	B ENG MCH 4 BE 0336
SANSOM FREDERICK EDGAR 1389 JEAN NICOLET ST THREE RIVERS QUE	B ENG CH 4
SANSOM WILLIAM GORDON 1389 JEAN NICOLET THREE RIVERS QUE	B COM 2
SANTERRE JACQUELIN STE ANNE DE LA POCATIERE QUEBEC	M SC 3
SANTO EDYTHE MAY E MTL GENERAL HOSPITAL BENDER SASK	MED DIPL 1
SANYAL AMIYA KUMAR 3609 UNIVERSITY ST MTL 348 MAHIM HALDAR ST KALIGHAT CALCUTTA	PH D 3 LA 6307

NAME ADDRESS	COURSE & YEAR TEL. NO.
SAPOSWICK SYLVIA MACDONALD COLLEGE 5225 CAVENDISH BLVD MONTREAL QUE	TCH ELEM 1 EL 6471
SARGENT AUSTIN UNDERWOOD 4675 VICTORIA AVE MONTREAL QUE	B SC 3 EL 6066
SARIN GANDHARV SINGH ROYAL VICTORIA HOSPITAL 73 CIRCULAR RD NEW DELHI INDIA	MED DIPL 1 PL 1251
SATTERTHWAITE PETER R 3637 UNIVERSITY ST MONTREAL QUE	B C L 2 MA 1736
SAUL ROBERT CHARLES 4438 VERDUN AVE VERDUN QUE	EDUCATION 5 YO 1952
SAUNDERS EVELYN ANNE MACDONALDS COLLEGE 348 OLIVIER AVE WESTMOUNT QUE	TCH INT 1
SAUNDERS JAMES LEO 3602 DUROCHER ST APT 12 KENINGTON P E I	MD CM 1 BE 5069
SAUNDERS JOAN ELIZABETH MACDONALD COLLEGE 38 MAPLE AVE SMITH FALLS ONT	B SC H EC 3
SAUNDERS THOMAS FRANK 7485 MULBERRY ST MONTREAL QUE	B ENG CIV 5 EX 7409
SAUNDERS WILLIAM ARTHUR 3506 UNIVERSITY ST MTL 233 STEWART ST OTTAWA ONT	B SC 3
SAUVE WILLIAM ARTHUR 3810 MARLOWE AVE MONTREAL 28 QUE	B ENG MCH 3 DE 4887
SAVAGE DONALD COCKFIELD 4071 GRAND BLVD N D G MONTREAL 28 QUE	B A 3 DE 5987
SAVAL EMILIO DOUGLAS HALL 432 METCALFE AVE WESTMOUNT QUE	B SC 3 PL 3333
SAVARD FRANCOISE 1575 EAST ST JOSEPH BLVD MONTREAL QUE	PHYSIOTH 2 CH 8592
SAWICKI DOROTHY EUGENIA MACDONALD COLLEGE 4025 LESAGE ST VERDUN QUE	TCH ELEM 1
SAWYER ELIZABETH ANN MACDONALD COLLEGE 27 WILSON ST LENNOXVILLE QUE	TCH ELEM 1
SCARF ROBERT FRANKLIN 2095 PATRICIA AVE APT 1 1719 COY AVE SASKATOON SASK	MED DIPL 3 WA 8265
SCARPETTA RAUL ALBERTO 258 SHERBROOKE W MTL APARTADO NACIONAL 192 CALI COLOMBIA S A	B ARCH 3 BE 7102
SCHACHTER GERTUDE 5368 JEANNE MANCE ST MONTREAL QUE	B COM 1 CR 6568
SCHACHTLER ROBERT JOHN 1480 CHOMEDY ST APT 6 MONTREAL 25 QUE	B ENG MCH 5 WI 7654
SCHAD GERARD A 17 GARDEN CITY STE ANNE DE BELLEVUE QUE SMITHTOWN BRANCH LONG ISLAND N Y USA	PH D 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SCHAEFER JOAN MARIE 91 ST JOSEPHS BLVD DORVAL QUE	HANDICRFT 1 ME1 1259
SCHAFFER ALEC SCHAFFER 4014 COLONIAL AVE MONTREAL QUE	B COM 1 MA 7210
SCHAFFER ROBERT 6175 WILDERTON CRES MONTREAL QUE	B SC 3 EX 5400
SCHAFFER ROSLYN 1081 ST VIATEUR ST W MONTREAL QUE	B A 3 DO 3739
SCHALLY ANDREW VICTOR 5321 PARK AVE MTL 32 WARINGTON PLACE EDINBURGH 10 SCOTLAND	B SC 3
SCHARF BERNARD 4589 DEBULLION ST MONTREAL QUE	B SC 2 LA 1483
SCHATIA GENE 4510 KENSINGTON AVE MONTREAL QUE	B A 4 DE 8759
SCHAUS ORLAND OTTO 1649 LINCOLN AVE APT 7 MONTREAL QUE	PH D 2
SCHECTER DOREEN 36 JOYCE AVE MONTREAL QUE	B A 4 DO 7092
SCHECTER VICTOR 4865 QUEEN MARY RD APT 15 MONTREAL QUE	B ENG 1 AT 5798
SCHEIER IVAN HENRY 4646 ROSLYN AVE MTL 94 BEEKMAN ST PLATTSBURG N Y USA	PH D 3 EL 1602
SCHELL JOSEPH PHILIP 47 CHESTERFIELD AVE WESTMOUNT QUE	B ENG 1 EL 1953
SCHERTZER NATHAN 772 CHAMPAGNEUR AVE MONTREAL QUE	B ARCH 3 CA 0643
SCHERZER HAROLD 4R40 VICTORIA AVE MONTREAL QUE	D D S 3 DE 0530
SCHIFF HARRY 1468 CRESCENT ST APT 202 MONTREAL QUE	PH D 4 LA 7321
SCHIFF LOUIS 5455 ST URBAIN ST MONTREAL QUE	B SC 3 CA 3264
SCHIZAS ANDREAS MICHAEL 517 PINE AVE W MTL 23 MARASLI ST ATHENS GREECE	B ENG MCH 3 MA 2948
SCHLECHTER MORRIS 417 ST JOSEPH BLVD W APT 8 MONTREAL QUE	B ARCH 3 CR 1914
SCHLEIFER MARK MORTIMER 940 WILDER AVE MONTREAL QUE	B A 3 AT 0791
SCHLEIFER RITA HELEN 940 WILDER AVE OUTREMONT QUE	B SC 1 AT 0791
SCHLESINGER NINA MAE 59 COTE ST CATHERINE RD OUTREMONT QUE	PARTIAL VI 7998
SCHLESINGER PETER HERMAN PRESBYTERIAN COLLEGE 1 ALDSBURY GARDENS TORONTO 12 ONT	B A 1 BE 0424
SCHLOSS SANDRA ROYAL VICTORIA COLLEGE 4R02 49TH ST CAMROSE ALTA	B A 4 PL 0477
SCHMIDT ROBERT GEORGE 5221 CONNAUGHT AVE MONTREAL QUE	B COM 1 WA 7154
SCHMIDT STEPHEN C MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PARTIAL
SCHNACK WILLIAM DALE 2151 LINCOLN AVE APT 9 M 4124 MAYBELLE OAKLAND CAL U S A	MD CM 1 FI 2342
SCHNAIBERG HYMAN LADDIE 4835 MONTCLAIR AVE N D G MONTREAL QUE	B A 3 DE 7792
SCHNEIDER JOSEPH 8045 BIRNAHM AVE MONTREAL QUE	B ENG AM 3
SCHNELLER JOHN MICHAEL 3141 DRUMMOND ST MTL 260 ORIOLE PARKWAY TORONTO ONT	B A 3 MA 0243
SCHNITZER MORRIS MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 2
SCHOCH CAREL HERMAN 2300 GOYER RD OUTREMONT QUE NACHLEGALENLOAN 4 OERDENTNOARD HOLLAND NETHERLANDS	B COM 2
SCHOCH DAVID EARL T 75 HILLCREST AVE MTL W LAFERRIERE CO CHICOUTIMI QUE	MD CM 3 WA 9779
SCHOEN JELLE PIETER WILSON HALL 11 CHOPINSTEAAT AMSTERDAM HOLLAND	B SC 4 PL 0150
SCHOENBROD JONATHAN C 554 PRINCE ARTHUR W MTL CARANEL CAL U S A	MD CM 2 HA 8642
SCHOLLIE ELIZABETH E 1060 BERNARD AVE W APT 9 OUTREMONT QUE	B F A 4 CR 3306
SCHONBAUM EDWARD 3201 FOREST HILL AVE APT 38 MONTREAL 26 QUE	M SC 2 PL 1251
SCHONER BERTRAM 5333 BRODEUR MONTREAL QUE	B ENG EL 3 EL 9821
SCHREIBER RONALD 1619 LAJOIE AVE MONTREAL QUE	B ARCH 5 CA 4667
SCHREMP EARLE HARRISON 14 DOBIE AVE TOWN OF MT ROYAL QUE	B ENG CIV 4 AT 0446
SCHRETER PETER PHILIP 319 STUART AVE OUTREMONT QUE	B ARCH 2 TA 5729
SCHUCHER REUBEN 174 PRINCE ARTHUR ST E MONTREAL QUE	PH D 3 MA 6784
SCHURMAN CHARLES GOOD 419 PRINCE ARTHUR W MTL 8 PROSPECT ST NEWPORT VERMONT U S A	MD CM 2 HA 1088
SCHUTZ ALBERT JOHN 40 GRANVILLE RD HAMPSTEAD QUE	D D S 2 DE 6125
SCHWARTZ ARTHUR M 768 UPPER LANSDOWNE AVE WESTMOUNT QUE	B A 4 EL 6412
SCHWARTZ CAROL 4855 MELROSE AVE MONTREAL QUE	B SC 4 DE 6677

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SCHWARTZ HARRIET ROSLYN MACDONALD COLLEGE 5598 CANTERBURY AVE MONTREAL QUE	TCH ELEM 1
SCHWARTZ MARYLIN 3250 VAN HORNE AVE APT 7 MONTREAL QUE	PARTIAL
SCHWARTZ PETER LAWRENCE 4855 QUEEN MARY RD MONTREAL 48 QUE	B COM 2 AT 2503
SCHWARTZ PHYLLIS PEARL 3595 NORTHCLIFFE AVE MONTREAL QUE	B A 1 EL 4518
SCHWARTZ RIVA 271 DE L EPEE AVE OUTREMONT QUE	B SC 4 TA 3122
SCHWARTZ SYBIL JUNE 2105 VAN HORNE AVE MONTREAL QUE	B SC 1 AT 9143
SCHWARTZBEN MELVYN 5181 TRANS ISLAND AVE MONTREAL QUE	D D S 1 HU 8 5546
SCHWARTZMAN ALEX ELIE 2107 CLINTON AVE MONTREAL QUE	PH D 3 EX 2003
SCHWARTZMAN GERTRUDE 2107 CLINTON AVE MONTREAL QUE	PARTIAL EX 2002
SCHWARTZMAN LENORE B 5858 TERREBONNE AVE N D G MONTREAL QUE	B COM 1 WA 5313
SCOBIE DONALD HOWARD 1442 SHERBROOKE ST W APT 5 MONTREAL QUE 62 POWELL AVE OTTAWA ONT	MED DIPL 2 PL 6454
SCOBIE THOMAS KEITH 4382 HARVARD AVE N D G MONTREAL QUE	MED DIPL 3 DE 2142
SCOTT ANNE LASCELLES 462 LAKESHORE RD BEAUREPAIRE QUE	B A 2
SCOTT CYNTHIA JOAN 6 BRAESIDE PLACE WESTMOUNT QUE	B F A 4 WI 9619
SCOTT GEORGINA MACDONALD COLLEGE 4553 OXFORD AVE N D G MONTREAL QUE	TCH ELEM 1
SCOTT GERALD AUSTIN 8419 CHATEAUBRIAND AVE MONTREAL QUE	B ENG 2 DU 1276
SCOTT JOHN MCPHERSON 3508 UNIVERSITY ST MONTREAL QUE	B A 4 HA 1763
SCOTT JUDITH WENDY 462 LAKESHORE RD BEAUREPAIRE QUE	B A 4 PC 4113
SCOTT KENNETH EDWARD 196 GUILBAULT AVE LONGUEUIL QUE	MD CM 2 OR 4 4829
SCOTT LUCILE JANET 4830 VICTORIA AVE MONTREAL QUE	PHYSIOTH 3 WA 4781
SCOTT MAURICE SYDNEY 3431 DRUMMOND ST MTL 179 DOWLING AVE TORONTO ONT	B ARCH 1 MA 2043
SCOTT NORMAN ANDREW 5727 HUDSON RD APT 1 MTL 343 STEWART ST PETERBOROUGH ONT	MED DIPL 3 EX 2301
SCOTT ROBERT IAN 4859 WILSON AVE N D G MONTREAL QUE	PH D 2 EL 3916
SCOTT THOMAS HENRY 1169 SUSSEX AVE MONTREAL QUE	PH D 2
SCRIVER CHARLES ROBERT 510 ROSLYN AVE WESTMOUNT QUE	MD CM 2 GL 2906
SEAL DONALD WILLIAM 204 BERNARD AVE W MONTREAL QUE	B C L 2 CR 8220
SEAMAN ERNEST ALVIN 3436 DUROCHER ST MTL 205 FIRST AVE NORANDA QUE	B ENG EL 4 LA 3253
SEAMAN NANCY ANN 555 SHERBROOKE ST W MTL 71 HILLCREST AVE SUMMIT NEW JERSEY U S A	B A 2 PL 0495
SEAMAN TERENCE JOHN W 288 GROSVENOR AVE APT 18 WESTMOUNT QUE	PARTIAL WE 2150
SECOY CLYDE FRANK 3466 MCTAVISH ST MTL 600 CENTRAL BLDG EVERETT WASH U S A	MD CM 3 LA 9533
SECOY HARRY RAYMOND 3601 UNIVERSITY AVE MTL 600 CENTRAL BLDG EVERETT WASH U S A	MD CM 1
SEDEROFF SYDNEY B 812 DAVAAR AVE OUTREMONT QUE	B A 2 TA 1442
SEDGWICK HENRY FRANCIS H 3633 OXENDEN AVE MTL 16 BUTTERNUT ST TORONTO ONT	B A 4 LA 6896
SEEMAN PHILIP 5850 SQUART AVE APT 15 MONTREAL QUE	B SC 3 RE 3 2482
SEEMAN VIOLET BERYL 2095 LINCOLN AVE APT 4 MONTREAL 60 SHERBURN ST WINNIPEG MAN	B N 2 WI 5383
SEGAL ABRAHAM 1235 BERNARD AVE APT 5 OUTREMONT QUE	B A 1 CA 0203
SEGAL BENNY 5159 ST URBAIN ST MONTREAL QUE	B SC 3 CR 2974
SEGAL BERNARD MORTIMER 4343 ST URBAIN ST MONTREAL QUE	B ENG 1 MA 2802
SEGAL LIONEL 6433 MCLYNN AVE MONTREAL QUE	B A 1 EX 0263
SEGAL MARK 4309 BEACONSFIELD AVE APT 2 MONTREAL QUE	B SC 1 EL 3824
SEGAL MARVIN 5930 CLARK ST APT 1 MONTREAL QUE	MUS QUAL 1 CA 3047
SEGAL PERRY MITCHELL 484 ST CATHERINE RD OUTREMONT QUE	B SC 2 VI 7844
SEGAL SYLVIA 967 ROCKALND AVE OUTREMONT QUE	TCH ELEM 1 VI 2959
SEGALL ALFRED NORMAN 5323 ESPLANADE AVE MONTREAL QUE	B C L 3 CR 5649
SEGALL CAROL TOVA 4100 COTE DES NEIGES RD MONTREAL QUE	B A 2 FI 5404
SEHEULT LOIE FRANCOIS 1619 LINCOLN AVE APT 3 MONTREAL QUE	B COM 4 WE 6339

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SEIDMAN RUTH 5265 HUTCHISON ST MONTREAL 8 QUE	PH D 4 CA 3442
SELCHAU PAUL 3463 SHUTER ST APT 5 MTL 1572 8TH AVE CAN FRANCISCO 22 CALIFORNIA U S A	MD CM 4
SELDON GERALD 2076 SHERBROOKE ST W MONTREAL 25 QUE	B COM 4 WE 4873
SELICK ABEL DAVID 3437 BEACONSFIELD AVE MONTREAL QUE	B C L 2
SELLS BRUCE HOWARD 3465 RIDGEWOOD AVE APT 104 MONTREAL QUE 277 MAIN ST GATINEAU MILLS QUE	GRAD QUAL 1 EX 0990
SELTZER IRVING 4666 CLARK ST MONTREAL QUE	D D S 1 PL 2388
SEMENIC IVO 3962 LAVAL AVE MONTREAL QUE	B ENG MCH 4 LA 0525
SEMPLE JOHN MURRAY 2090 SHERBROOKE ST W APT 2 MONTREAL QUE	B A 1 FI 9184
SENDBUEHLER MICHAEL J 3531 SHUTER ST MONTREAL QUE	B A 3 HA 4803
SENG ELIZABETH MARY 4466 WESTERN AVE WESTMOUNT QUE	B A 2 WI 4350
SENIOR HEREWARD 415 METCALFE AVE WESTMOUNT QUE	PH D 3 FI 4396
SERBYN MYROSLAN ROMAN 2024 CITY HALL AVE MONTREAL QUE	B ENG 2 LA 0563
SEROPIAN GASTON Y M C A DRUMMOND ST MTL 34A SHOUBRA ST CAIRO EGYPT	B ENG 2
SETLAKWE RAYMOND CARL 5727 HUDSON RD MTL 609 NOTRE DAME ST THETFORD MINES QUE	B C L 4
SETO HECTOR 469 METCALFE ST OTTAWA ONT	B ENG COM 5
SEXTON CHRISTINE E 1537 GRAHAM BLVD TOWN OF MT ROYAL QUE	B SC P ED 4 AT 0663
SHACTER MARGARET RUTH 4620 MILLER AVE MONTREAL QUE	PHYSIOTH 2 AT 3808
SHAGASS CHARLES 4827 FULTON AVE MONTREAL QUE	MED DIPL 4 AT 2132
SHAFRAN MURRAY 5390 ST IGNATIUS ST MTL 106 BELGRAVIA AVE TORONTO ONT	M SC 1 HU 8 5797
SHALINSKY JACK IRVING 4256 WILSON AVE N D G MONTREAL QUE	B ENG 1 DE 5802
SHALINSKY WILLIAM IRWIN 4150 MELROSE AVE MONTREAL QUE	PARTIAL DE 2675
SHAMY FRANK E 718 COTE ST CATHERINE RD OUTREMONT QUE	D D S 1 AT 9081
SHANKS JOHN ARTHUR 44 GERRYS LANDING CAMBRIDGE MASS U S A	MED DIPL 2
SHAPIRO BERNARD JACK 5559 QUEEN MARY RD HAMPSTEAD QUE	B A 1 DE 4471
SHAPIRO ERNEST SELIG 3841 RIDGEVALE AVE APT 7 MONTREAL QUE	B ENG EL 4 AT 1400
SHAPIRO HAROLD TAFLER 5559 QUEEN MARY RD HAMPSTEAD QUE	B COM 1 DE 4471
SHAPIRO MARILYN 6285 DEACON RD MONTREAL QUE	B A 4 RE 3 3740
SHAPIRO MARK ALAN 4902 VICTORIA AVE N D G MONTREAL QUE	B A 2 EL 7746
SHAPIRO MAYNARD 5012 DE LA PELTRIE ST MONTREAL QUE	B SC 1 EX 2187
SHAPOSNICK PHILIP 4915 PRINCE OF WALES MONTREAL QUE	B A 2 EL 9351
SHAPRAY DON 100 DUFFERIN RD MONTREAL QUE	B COM 2 WA 8904
SHARP LEILA VAIL 3565 LORNE AVE APT 12 MONTREAL QUE 304 WEST BROAD ST BRIDGETON NEW JERSEY USA	PH D 3 MA 9181
SHARPE MARGARET JOAN MACDONALD COLLEGE 20 JOHN ST EASTVIEW ONT	B SC H EC 1
SHARPLESS SETH KINMAN 3426 HUTCHISON ST MONTREAL QUE	PH D 3 HA 7974
SHARRATT HAROLD JOHN 4449 WILSON AVE N D G MONTREAL QUE	B ENG MET 4 WA 2305
SHARWOOD GORDON R 478 MT PLEASANT AVE WESTMOUNT QUE	B A 4 WI 5595
SHAVER CHARLES MEIRLD 3485 MCTAVISH ST MTL AVONMORE ONT	B A 4 PL 5754
SHAVER JOHN WILLIAM 3508 UNIVERSITY ST MTL 109 MERRITT ST ST CATHERINES ONT	B D 3
SHAW LEONARD BERNARD FIELD HOUSE 150 RUSSELL AVE OTTAWA ONT	B SC P ED 3
SHAW WILLIAM FREDERICK 2505 VAN HORNE AVE MONTREAL QUE	B SC P ED 2 RE 3 3763
SHAW WILLIAM PATRICK 77 YORK AVE WESTMOUNT QUE	B C L 2 EL 8623
SHAYNE JACK 236 ELM AVE MONTREAL QUE	PARTIAL FI 4507
SHEARMAN GEORGE ERNEST W 3045 DICKSON ST MONTREAL 5 QUE	M A 2 TU 1450
SHEEHAN JOHN CHIDWICK 539 PINE AVE W MTL 5607 31 AVE WOODSIDE 77 NEW YORK N Y U S A	MD CM 1 LA 7628
SHEFTMAN ELLIOT ALVIN 755 STUART AVE OUTREMONT QUE	B COM 1 CA 4041

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SHEHADI FADLOU ALBERT DOUGLAS HALL 1346 MIDLAND AVE BRONXVILLE N Y USA	PARTIAL LA 4377
SHEIDEN ABE 4076 ST URBAIN ST MONTREAL QUE	B ARCH 5 PL 6702
SHEINBERG NATALIE R 3445 COTE DES NEIGES RD APT 319 MONTREAL QUE	MUS B 3 WI 9393
SHEINER LEONARD 319 WILLOWDALE AVE MONTREAL QUE	B A 1 AT 3771
SHEINER NATHAN MICHAEL 4837 ESPLANADE AVE MONTREAL QUE	B SC 4 TA 5049
SHEINFELD ROSALYN 219 VILLENEUVE ST W MONTREAL QUE	L MUS DO 9560
SHELDON AUDREY 555 SHERBROOKE ST MTL WHALE OF MAGANSETT LONG ISLAND N Y U S A	B A 1 PL 0113
SHEPHERD JOHN MALLINSON 1059 CANORA RD MONTREAL 16 QUE	B ENG CH 4 AT 6539
SHEPPARD CLAUDE ARMAND 4188 DECARIE BLVD APT 6 MONTREAL QUE	B A 2 HU8 4325
SHER MELVIN 3877 ST URBAIN ST MONTREAL QUE	B A 1 MA 6706
SHERIDAN GARLAND HOWARD 4354 ST CATHERINE WEST MONTREAL QUE	B ENG MCH 5 FI 7067
SHERMAN JOAN MACDONALD COLLEGE 4850 BORDEN AVE MONTREAL 28 QUE	TCH ELEM 1
SHERMAN LEONARD 3500 DE BULLION ST MONTREAL QUE	B A 2 BE 9318
SHERMAN MICHAEL IGNACY 5330 LOUIS COLIN AVE MONTREAL QUE	B ENG CH 5 EX 5375
SHERMAN PHYLLIS RHODA 3459 DRUMMOND ST MTL 5 LEMOYNE AVE QUEBEC CITY QUE	M S W 1 BE 0653
SHERWIN ALLAN LEONARD 5200 HAMPTON AVE MONTREAL QUE	B SC 4 EL 5188
SHEVELL MELVYN 4896 MARIETTE AVE MONTREAL QUE	B SC 2 DE 4452
SHEWCHENKO ALEXANDER 6652 LOUIS HEMON ST 36 MONTREAL QUE	B ENG 1 VI 2241
SHIBLEY PATRICIA ANNE MACDONALD COLLEGE 15 THIRD AVE NORANDA QUE	B SC H EC 1
SHIELDS ALFRED MURRY DALE 675 CREVIER ST ST LAURENT QUE	B ENG 1 BY 2982
SHIELDS BRIAN WILSON 1166 LAIRD BLVD APT 15 TOWN OF MT ROYAL QUE	B A 2 AT 0944
SHIELDS CHARLES TAYLOR MACDONALD COLLEGE R R 2 KING ONT	B SC AGR 4
SHIELDS ROSS CRAWFORD 3549 HUTCHISON ST MTL BOX 100 PAKENHAM ONT	M A 1 PL 0834
SHIEMAN BRYAN MILLER 1420 PINE AVE W APT 12 MONTREAL 3203 K ST EUREKA CAL U S A	MD CM 3
SHIERS ROY FREDERICK C O MRS T G TURNBULL 4169 GRAND BLVD MONTREAL 28 QUE	B SC 4 EL 8447
SHILLER GERALD JOSEPH 3095 BRIGHTON AVE MONTREAL QUE	B COM 3 AT 8869
SHILLER JOYCE SOREL 122 ABERDEEN AVE WESTMOUNT QUE	B SC 3 DE 2006
SHIMO TAKAHARA JEAN S MACDONALD COLLEGE 5010 KING EDWARD AVE MONTREAL QUE	PARTIAL
SHINER EDWARD VICTOR 4731 BARCLAY AVE APT 1 MONTREAL QUE	M S W 1 RE3 6826
SHIN KA CHUEN 1441 DRUMMOND ST MTL 14 MORRISON HILL RD HONG KONG CHINA	MD CM 3 MA 4171
SHINDER LIONEL 3646 ST LAWRENCE BLVD MONTREAL QUE	B A 1
SHINE ANTHONY 2045 GREY AVE MONTREAL QUE	B ARCH 6 DE 3753
SHINE BERURIA RUTH 2045 GREY AVE N D G MONTREAL QUE	B F A 3 DE 3753
SHINKODA MASAMI 1215 FOCH AVE VERDUN QUE	B SC 1 TR 3102
SHKAROFSKY ISSIE 4315 CLARK ST MONTREAL QUE	M SC 1 BE 9608
SHLAIN LEAH MARLA ROYAL VICTORIA COLLEGE 13878 RAVINE DRIVE EDMONTON ALTA	B A 4 PL 0634
SHMELZER SOL MORTON DOUGLAS HALL 404 LAURIER AVE E OTTAWA ONT	B COM 2 BE 9490
SHOCKET ZELDA 4691 JEANNE MANCE ST MONTREAL QUE	B A 1 HA 8853
SHOHET MORRIS 3510 KENT AVE MONTREAL QUE	B SC 1 EX 9488
SHONE ROBERT HAROLD MACDONALD COLLEGE RIDEAU VIEW P O OTTAWA ONT	B SC AGR 1
SHORTT THOMAS KEITH 43 LEGACE ST DORVAL QUE	B COM 2
SHOTWELL HELEN FRANCES A ROYAL VICTORIA COLLEGE C O ST CHRISTOPHERS SCHO DOBBS FERRY NEW YORK U S A	B A 3 PL 0477
SHOUB BERNARD 3817 ARCADE MONTREAL QUE	B SC 1 BE 6472

DIRECTORY OF STUDENTS

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SHPAKOWSKY PAUL 515 6TH AVE LACHINE QUE	B ENG MCH 4
SHRECK EVELYN 1503 LAJOIE AVE MONTREAL QUE	B A 2 CA 0519
SHRIAR SAMUEL HERTZ 3092 LINTON AVE OUTREMONT QUE	B C L 4 RE 3 2517
SHUCHAT CHARLES 1555 SUMMERHILL AVE MONTREAL QUE	B COM 2 WI 3280
SHULMAN ARTHUR ISAAC 487 GROSVENOR AVE WESTMOUNT QUE	B C L 1 GL 4067
SHULMAN MARVIN OSCAR 1921 BARCLAY AVE MONTREAL QUE	B COM 3 AT 9124
SHULMAN ROBERT 5145 COTE ST LUC RD APT 49 MONTREAL QUE	GRAD QUAL 1 DE 2140
SHULTZ VICTOR CECIL 6430 MONKLAND AVE MONTREAL QUE	MD CM 4 HU 8 4603
SHUSTER ABE 5194 GLOBERT AVE MONTREAL QUE	B C L 3 WA 4429
SHUSTER BERNARD 260 ST VIATUER ST W MONTREAL QUE	B A 1 CR 3593
SHUTE ALISON MCDONALD ROYAL VICTORIA COLLEGE 40 COLLEGE HILL RD CLINTON N Y U S A	B SC 4 PL 0829
SIDORCHUK NICHOLAS 4 LAZARD AVE TOWN OF MT ROYAL QUE	D D S 3
SIDORSY NANCY ROYAL VICTORIA COLLEGE 535 13TH AVENUE E CALGARY ALTA	B A 3 BE 0675
SIEBRASSE WILLIAM BLAKE 365 7TH AVENUE VILLE LASALLE QUE	B SC 4 HE 2156
SIEGAL SEYMOUR ARNOLD DOUGLAS HALL 1379 EAST 8TH ST BROOKLYN 30 N Y U S A	MD CM 2
SIEMERS WOLFGANG PETER 4224 DORCHESTER ST MONTREAL 6 QUE	B ARCH 6 FI 1811
SIEVWRIGHT ERIC COLVILLE 3506 UNIVERSITY ST MONTREAL QUE	PH D 3
SIGMAN HARVEY HAROLD 4828 MELROSE AVE N D G MONTREAL QUE	B A 4 EL 6813
SIGNER NAOMI RIVA 5506 DUROCHER AVE OUTREMONT QUE	B A 4 TA 1222
SIIMAN BRUNO 6337 8TH AVE ROSEMOUNT QUE	B ENG 1
SILCOFF BERNARD 5156 HUTCHISON ST MONTREAL QUE	B COM 2 DO 3288
SILVER GEORGE 4120 CTE ST CATHERINE RD MONTREAL QUE	D D S 2 EX 0466
SILVER ISSIE IKE 3876 ST LAWRENCE BLVD MONTREAL QUE	B A 3 MA 5831
SILVER MARYLYN EDITH ROYAL VICTORIA COLLEGE 19 SOUTHERN DR OTTAWA ONT	B ARCH 3
SILVER MILDRED 630 QUERBES AVE APT 9 OUTREMONT QUE	M S W 1 VI 2990
SILVER RUTHE 530 MOUNT PLEASANT AVE WESTMOUNT QUE	MUS QUAL 1 FI 9465
SILVER SAMUEL MAXWELL 3029 MAPLEWOOD AVE MTL 31 TOPSAIL RD ST JOHNS NFLD	B A 2 EX 3846
SILVERBERG MERVIN 4570 RIDGEVALE AVE APT 4 MONTREAL QUE	MD CM 3 EX 4851
SILVERMAN PETER ALLAN 3851 UNIVERSITY ST MTL 356 MCNAUGHTON TERRACE SUDBURY ONT	B COM 2 PL 2840
SILVERSTEIN JUNE G 4800 CLANRANALD AVE APT 26 MONTREAL QUE	B A 4 WA 9278
SILVERSTONE SHIRLEY B 5964 ESPLANADE AVE MONTREAL QUE	B A 4 CR 0652
SIM NORMAN DAVID WILSON HALL 438 ISLAND PK DR OTTAWA 3 ONT	B ENG CIV 3
SIM PAUL MICHAEL WILSON HALL 438 ISLAND PARK DR OTTAWA ONT	B COM 4
SIMARD DUQUESNE NICOLE 4060 VENDOME AVE MONTREAL QUE	GRAD QUAL 1 DE 6056
SIMARD JACQUES 28A AVE DU LAC STRATHMORE QUE	M SC 1 ME1 1579
SIMBOURAS DIMITRIOS 20 SOMERVILLE AVE WESTMT 14 DITSIS ATHENS GREECE	B COM 1
SIMCOE LEONARD 4265 CARLETON AVE MONTREAL QUE	B A 4 EX 9297
SIMCOX MARY LOU ROYAL VICTORIA COLLEGE 14 PARK ST W COPPER CLIFF ONT	PHYSIOTH 1 BE 0675
SIMITCH LILIANA 5545 DECARIE BLVD APT 5 MONTREAL QUE	B COM 4
SIMKIN FAYE MCLENNAN HALL STE 6 182 CHURCH AVE WINNIPEG MAN	B L S 1 PL 0044
SIMMS DAVID CECIL 3445 PEEL ST MTL P O BOX 82 NASSAU N P BAHAMAS	B A 2 HA 9462
SIMON HUGH SWAIL MACDONALD COLLEGE P O BOX 28 HUDSON HEIGHTS QUE	B SC AGR 1
SIMON JAMES ERWIN G 1501 CLOSSE ST MONTREAL QUE	M A 2 WI 3800
SIMON PHYLLIS JUNE 5952 TERREBONNE AVE MONTREAL QUE	B A 2 WA 4584
SIMPSON HUGH MICHAEL 4030 LINTON AVE APT 5 MONTREAL QUE	B ENG MCH 3 AT 2592
SIMPSON ROBERT ALLAN MACDONALD COLLEGE 208 KINDERSLEY AVE MONTREAL 16 QUE	B SC AGR 1

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SIMR CELESTIN JOHN 3199 DE SERIGNY MONTREAL QUE	B ENG MCH 4 EX 1672
SIMS PETER HARVEY DOUGLAS HALL R R 3 KITCHENER ONT	B COM 2 MA 6792
SINANIS JOHN 3499 CARTIER ST MONTREAL QUE	B ENG 2 FR 1871
SINCLAIR GERALD MARK 7 COURCELETTE AVE MONTREAL QUE	B SC 2 DO 6897
SINCLAIR NORMAN BUSH MACDONALD COLLEGE 192 FOURTH AVE OTTAWA ONT	B SC AGR 2
SINCLAIR RUTH JANE 4123 WESTERN AVE APT 23 WESTMOUNT QUE	B SC P ED 4 WE 1509
SINGER DAVID PAUL 3494 HUTCHISON ST APT 5 C O DR NOSSBAUM PARDESS HANNAH ISRAEL	B A 4 HA 5581
SINGER GERALD 635 DOLLARD BLVD MONTREAL QUE	B COM 2 CR 6325
SINGER HEATHER BELLE 430 MILTON ST MTL 10969 126 ST EDMONTON ALTA	B L S 1 BE 6805
SINGER LOUISE MADELAINE 1818 NORTH AVE OUTREMONT QUE	B A 1 AT 9802
SINGER MILDRED MILLIE F 6282 WESTBURY AVE MONTREAL QUE	B A 1 AT 7067
SINGER PAULA DOREEN 6251 NOTRE DAME DE GRACE MONTREAL QUE	B A 2 EL 0462
SINGER STANLEY DAVID 6050 HUDSON RD MONTREAL QUE	B COM 2 EX 1226
SINGH RAJNARINE 3611 PARK AVE MTL PALMORA VILLAGE STE MADELEINE P O TRINIDAD B W I	B SC 1 HA 5810
SINNOTT JOSEPH CYRIL 3495 PEEL ST APT 1 MTL BRISTOL P E I	MD CM 4 MA 1545
SINSON ELWOOD AUGUSTUS 101 S W 63RD ST CT MIAMI FLA U S A	B ENG CH 5
SINUK MORRIS 5640 DE CELLES APT 31 MONTREAL QUE	M S W 2 EX 2635
SIROIS LOUIS LEONIDAS 4281 MARCIL AVE N D G MONTREAL QUE	B ENG 1 DE 2120
SIROTA EVELYN MACDONALD COLLEGE 4200 PLAMONDON APT 11 MONTREAL QUE	TCH ELEM 1
SIRRS JOHN BRUCE MACDONALD COLLEGE SANTA ROSA 388 MARTINEZ BUENOS AIRES ARGENTINA	AGR DIP 1
SIRULNIKOFF JACK 2024 MCGILL COLLEGE AVE APT 10 MONTREAL QUE 110 MATHESON AVE WINNIPEG MAN	MUS B 1 LA 8367
SIVAK BELLA 6393 MCLYNN AVE MONTREAL QUE	B ARCH 2 EX 8543
SIVAK MIRIAM 1627 DUCHARME AVE MONTREAL QUE	B COM 2 VI 4025
SIVKIN NORMAN 4541 MARCIL AVE MONTREAL QUE	B COM 2 WA 2809
SKAFTE ANN BARBARA MACDONALD COLLEGE R R 1 CORNWALL ONT	B SC H EC 2
SKAITH ANN PENFIELD ROYAL VICTORIA COLLEGE 112 DUNVEGAN RD TORONTO ONT	B A 4
SKARSTEDT CLIFFORD W 62 ST JOHN RD POINTE CLAIRE QUE	B ENG CH 3
SKEFFREY OUIDA WINSOME E ROYAL VICTORIA COLLEGE 27 DUNNOKIN AVE HALF WAY TREE P O JAMAICA B W I	B A 1
SKINNER ANTONY SIMON 537 LANSDOWNE AVE WESTMOUNT QUE	B ENG 1 GL 1626
SKINNER G BERNARD DOUGLAS HALL 36 COBURG ST SAINT JOHN N B	MD CM 3
SKINNER HELEN DIANA ROYAL VICTORIA COLLEGE 36 COBURG ST SAINT JOHN N B	PHYSIOTH 2 PL 0571
SKINNER RALPH GEOLOGICAL SURVEY OF CAN OTTAWA ONT BOX 518 TERRACE B C	PH D 4
SKLEPOWICZ JULIA 1336 GREEN AVE APT 9 MTL R R 3 BOX 27 DAUPHIN MAN	B N 2 FI 3372
SKOLL SELMA DOVE 764 DE L EPEE AVE OUTREMONT QUE	B A 4 DO 5239
SKOLNIK MYRA MACDONALD COLLEGE 4500 LACOMBE AVE MONTREAL QUE	TCH ELEM 1
SKOMOROSKI ROBERT MAX 7046 FABRE ST APT 1 MONTREAL QUE	B SC 4 CR 9058
SKOTECKY NICHOLAS C 5920 SOUART ST MONTREAL QUE	B ENG 1
SLACK ROBERT MILLER 36 JOYCE AVE MTL 1502 D ST EUREKA CAL U S A	PARTIAL DO 7092
SLACKE ANN 1524 PINE AVE W MONTREAL QUE	B A 4 FI 8262
SLAPCOFF EDWARD 5370 BOURRET ST MONTREAL QUE	D D S 1 AT 6447
SLATER CHRISTOPHER PETE 3475 UNIVERSITY ST MONTREAL QUE	B A 3 BE 8322
SLATER JOHN GRAHAM L 3475 UNIVERSITY ST MONTREAL QUE	MD CM 2 BE 8322
SLATKIN DANIEL NATHAN 5650 COTE ST LUC RD APT 23 MONTREAL QUE	B SC 2 WA 1045
SLAVEN LLOYD 5615 COTE DES NEIGES RD APT 1 MONTREAL QUE	B ENG EL 4 EX 8005

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SLAVIN FRANCIS GILBERT J 5401 BELMORE AVE MONTREAL QUE	B A 2 WA 3857
SLIMOVITCH BERNARD 6008 JEANNE MANCE ST MONTREAL QUE	D D S 1 TA 8188
SLIPP ROBERT MUNRO 3425 TRENHOLME ST MTL WOODSTOCK N B	PH D 2 EL 1488
SLIVITZKY MICHEL SERGE 225 CLARKE AVE WESTMOUNT QUE	B ENG AM 4 FI 2893
SLIVITZKY VLADIMIZ SERGE 225 CLARKE AVE WESTMOUNT QUE	B SC 2 FI 2893
SLOAN LAIRD DE LACEY 4900 MAYFAIR AVE MONTREAL QUE	B ENG 1 WA 4736
SLOANE GERALD LEROY 1245 REDPATH CRESCENT MT 1269 SO ORANGE DR LOS ANGELES 19 CAL U S A	MD CM 4 HA 0950
SLOBOD SHIRLEY MACDONALD COLLEGE 4746 LACOMBE AVE MONTREAL QUE	TCH INT 1
SLONE MARA 5227 TRANS ISLAND MONTREAL QUE	PHYSIOTH 2 EL 2490
SLUZAR LUBA 6847 DES ERABLES ST MONTREAL QUE	PARTIAL
SLUYTER ROBERT 4628 HUTCHISON ST MONTREAL QUE	B ENG MI 3 GR 7639
SMALL DORIS IVY 1546 CRESCENT ST MTL 145 PATTERSON AVE OTTAWA ONT	GR N CERT 1 PL 3429
SMALL HARVEY CALDON 545 PINE AVE WEST MTL 1460 CHAPIN AVE BURLINGAME CAL U S A	MD CM 3 MA 1545
SMALL PETER 5591 NOTRE DAME DE GRACE MONTREAL 28 QUE	PARTIAL DE 9972
SMALLEY ROBERT ROWAN 3617 LORNE CRESCENT MTL 1611 N W 32RD AVE PORTLAND 10 OREGON U S A	MD CM 3
SMART CELINA ELLEN 5594 JEANNE MANCE ST MONTREAL 8 QUE	M SC 1 TA 5806
SMART HUGH ROBERT GEORGE 70 54TH AVE LACHINE QUE	PARTIAL NE5 0978J
SMART STANISLAUS JOSEPH 491 MT PLEASANT WESTMOUNT QUE	B ENG 1 WI 9498
SMEDLEY JOAN EVELY MACDONALD COLLEGE 5140 WALKLEY AVE APT 6 MONTREAL QUE	TCH ELEM 1 EL 4138
SMITH ANGUS JOSEPH MACDONALD COLLEGE WHITNEY PIER P O SYDNEY N S	B SC AGR 3
SMITH ANTHONY FURNESS 258 SHERBROOKE ST W MTL 159 CHESTER RD GRAPPENHALL CHES ENG	B ENG MCH 5 BE 7102
SMITH ARTHUR DANIEL 4820 BORDEN AVE APT 20 MONTREAL QUE	B COM 4 HU 8 8012
SMITH CHARLES JAMES 4166 ST CATHERINE ST W MONTREAL QUE KNOX ROAD EAST AURORA NEW YORK USA	PH D 3 WI 0149
SMITH CHESLEY EDRA MACDONALD COLLEGE OROMOCTO R R 3 NEW BRUNSWICK	B SC AGR 3
SMITH CLIFTON CONWAY 3475 RIDGEWOOD AVE APT 103 MONTREAL QUE	MED DIPL 3
SMITH DAVID DUNCAN 1699 GRAHAM BLVD APT 12 MONTREAL 16 QUE	PH D 2
SMITH DAVID JOHN DOUGLAS HALL 11146 85TH AVENUE EDMONTON ALTA	B SC 2
SMITH DAWSON LELAND MACDONALD COLLEGE BEEBE QUE	B SC AGR 1
SMITH DONALD ARTHUR 4502 OLD ORCHARD AVE MONTREAL 28 QUE	L MUS 2 EL 5488
SMITH DONALD EDWARD 3610 LORNE CRESCENT APT 3 MONTREAL 18 QUE	MED DIPL 2 BE 6249
SMITH DOUGLAS UNDERWOOD 484 PRINCE ARTHUR ST MTL 24 LENOX AVE APT 18 NEW YORK CITY N Y U S A	B SC 2
SMITH EDWARD RUSSELL 60 WINSTON CIRCLE POINTE CLAIRE QUE	B ENG 2 PC 5106
SMITH FLOYD MURRAY MACDONALD COLLEGE SPRINGHILL N S	B SC AGR 3
SMITH GEORGE CONNELL 12450 LEFEBVRE ST CARTIERVILLE QUE	B ENG EL 4 BY 1956
SMITH GEORGE ROBERT H 3592 UNIVERSITY ST MTL R R 2 DANVILLE QUE	B ENG 2 PL 2435
SMITH GEORGE WILLIAM MACDONALD COLLEGE 50 CHURCHILL BLVD GREENFIELD PARK QUE	TCH INT 1
SMITH GERALD ANTHONY 55 54 AVENUE LACHINE QUE	B ENG 2 NE50350M
SMITH HARRY JOHN MACDONALD COLLEGE ARUNDEL QUE	B SC AGR 3
SMITH IAN ALEXANDER 68 HAMILTON AVE CHATEAUGUAY HGTS QUE	B COM 3
SMITH IAN WILSON 1391 KENILWORTH RD TOWN OF MT ROYAL QUE	B A 1 EX 9568
SMITH IDA VIVIENNE ROYAL VICTORIA COLLEGE 387 ROCHAMPTON AVE TORONTO 12 ONT	B SC 1 PL 0334
SMITH IRVING HAROLD 5915 JEANNE MANCE ST MONTREAL QUE	PARTIAL TA 2053
SMITH JACQUELINE ROYAL VICTORIA COLLEGE 470 MONTREAL ST SHERBROOKE QUE	B SC 3 PL 0477
SMITH JAMES HAMILTON 5121 CONNAUGHT AVE MONTREAL QUE	B COM 4 WA 1382

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SMITH JOYCE 5850 HUDSON RD MONTREAL QUE	B A 1 AT 9593
SMITH KENNETH CLYDE 385 MILTON ST APT 201 MONTREAL 2030 SANTA CLARA AVE ALAMEDA CAL U S A	MD CM 3 BE 9469
SMITH LIONEL MACKAY 40 BELVEDERE RD WESTMOUNT QUE	B ENG 2 FI 5818
SMITH LLOYD DESMOND H MACDONALD COLLEGE 96 CONNAUGHT AVE ST LAURENT QUE	B SC AGR 2
SMITH MARILYN RUTH MACDONALD COLLEGE 68 HAMILTON CHATEAUGUAY HEIGHTS QUE	TCH KIND 1
SMITH MARVIN 3483 PEEL ST MTL 470 MONTREAL ST SHERBROOKE QUE	B COM 1
SMITH MATILDE PATRICIA 500 VICTORIA AVE WESTMOUNT QUE	B A 1 DE 4463
SMITH MORNINGTON JEAN MACDONALD COLLEGE CAMPBELLS BAY QUE	TCH ELEM 1
SMITH MORTIMER SAUL 631 DE L EPEE OUTREMONT QUE	B A 4 CR 4309
SMITH NATHAN 451 EDOUARD CHARLES ST APT 41 OUTREMONT QUE	B C L 1
SMITH OWEN NEVILLE 5173 CARTIER ST MONTREAL QUE	B ENG MCH 4 AM 5203
SMITH PENELOPE JOAN ROYAL VICTORIA COLLEGE WARWICK EAST BERMUDA	B A 2 PL 0847
SMITH RALPH CLAYTON 1070 GRAHAM BLVD APT 6 MONTREAL QUE	MED DIPL 3 EX 8706
SMITH RAYMOND IVES 7 FINCHLEY RD HAMPSTEAD QUE	B SC 3
SMITH REGINALD DONALD 3466 MCTAVISH ST MTL OROMOCTO SUNBURY CO N B	MD CM 3 LA 9533
SMITH ROBERT EWING MACDONALD COLLEGE 4380 GRAND BLVD N D G MONTREAL QUE	B SC AGR 2 EL 6192
SMITH ROBERT MACFIE 629 PRINCE ARTHUR W MTL FORT COVINGTON NEW YORK U S A	MD CM 2 MA 0739
SMITH SHEILA M C 2050 CLAREMONT AVE APT 15 MONTREAL QUE 4115 HAMPTON AVE N D G MONTREAL QUE	GR N CERT 1 DE 3836
SMITH SHEILA WYWESS 60 NELSON ST MONTREAL WEST QUE	B SC P ED 4 DE 7125
SMITH SIDNEY GERALD D DOUGLAS HALL 10250 133 ST EDMONTON ALTA	B A 4 MA 6792
SMITH STUART ALLEN MACDONALD COLLEGE 5373 DUQUETTE AVE N D G MONTREAL QUE	B SC AGR 2
SMITH STUART EVAN PRESBYTERIAN COLLEGE 49 UPPER OVERLOOK RD SUMMIT N J U S A	B ENG 1 PL 5754
SMITH SYDNEY ALWYN 3630 DUROCHER ST APT 44 MONTREAL QUE	MED DIPL 3 MA 7994
SMITH WINSTON EDWARDS MACDONALD COLLEGE POWNAL P E I	B SC AGR 3
SMOLENSKY MARJORIE JOAN ROYAL VICTORIA COLLEGE 403 ROXBORO RD CALGARY ALTA	B A 2 PL 0495
SMYTH JEROME CHRISTOPHER 320 LAIRD BLVD TOWN OF MT ROYAL QUE	B C L 2 AT 3191
SNELL SARAH ELLEN ROYAL VICTORIA COLLEGE PLEASANT VALLEY CAMBRIDGE VERMONT U S A	B SC 4
SNOW LORNA MARJORIE 4357 KENSINGTON AVE MONTREAL QUE	EDUCATION 5 EL 5728
SNYDER RALPH WOOD 3571 HUTCHISON ST MTL 440 SOUTH PALM ST PONCA CITY OKLAHOMA U S	MD CM 4 PL 8821
SOAS JOHN MARCEL 753 LUSIGNAN ST MTL 23 DUNROBIN AVE HALF WAY TREE JAMAICA B W I	B SC 4 FI 9715
SOBRIAN MERLYN ARNOLD 633 UNDERHILL PLACE MTL 21 PALMISTE ST BELMONT PORT OF SPAIN TRINIDAD B W I	B SC 1
SOCRANSKY ISADORE S 474 BERWICK AVE TOWN OF MT ROYAL QUE	B COM 4 AT 2328
SOFER SEYMOUR JOSEPH 5375 ESPLANADE AVE MONTREAL QUE	B SC 3 CR 1513
SOFIANOS ARISTODIMOS C O FORT ERIE STEAMSHIP 715 VICTORIA SQUARE MONTREAL QUE	B A 2 MA 6951
SOKOLOFF SERGIU 2055 MANSFIELD ST APT 15 AVENIDA 35 NO 36 74 BOGOTA COLOMBIA S A	B ENG CH 5 LA 3471
SOLOMON BLEMA LEBA 5016 ROSLYN AVE WESTMOUNT QUE	B A 2 AT 7761
SOLOMON CHARLES MELVYN 5057 VICTORIA AVE MONTREAL QUE	D D S 3 AT 7796
SOLOMON ELI 4608 CLARK ST MONTREAL QUE	B COM 2 BE 5327
SOLOMON HYMAN 4047 KENT AVE MONTREAL QUE	B SC 3 AT 1912
SOLOMON LAWRENCE MARVIN 4851 FULTON AVE MONTREAL QUE	B A 4 AT 8220
SOLOMON SAMUEL 4643 JEANNE MANCE ST MONTREAL QUE	PH D 3 LA 1808
SOMMER ROBERT WILLIAM 3587 MARLOWE AVE MTL 3405 EUCLID AVE FT WAYNE INDIANA U S A	MD CM 2 WA 1608

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SOMMERVILL RONALD P 3621 LORNE CRESCENT MTL 870 UNIVERSITY DR SASKATOON SASK	MD CM 4 BE 4717
SONE HARUNO 4605 MAPLEWOOD AVE MTL FARNAHM QUE	B A 1 EX 0668
SOPATA HANNA TERESA 8560 24TH AVE VILLE ST MICHEL QUE	B COM 2
SOPHIANOPOULOS ALEXANDER 5400 DECELLES AVE APT 16 MONTREAL 20 M D MARIAS AVE CORFU GREECE	B ENG EL 4 RE3 3201
SORENSEN WILFRED BRYAN S 3485 MCTAVISH ST MTL 384 EARL ST KINGSTON ONT	B ARCH 5 BE 0424
SORRENTINO PATRICK J 1455 CANORA RD TOWN OF MT ROYAL QUE	B ENG CIV 4 AT 4714
SORTOR RALPH FREDERICK J 538 MILTON ST APT 8 MTL MANLIUS RD FAYETTEVILLE NEW YORK U S A	MD CM 4 HA 9672
SOSA JULIO ANTONIO DOUGLAS HALL 7A CALLE DE CIUDAD VIEJA 39 EL RELICARIO GUATEMALO C A X EL RELICARIO GUATEMALA C	MD CM 1 UN 6 0218
SOUAID MARCEL JOS 995 DU PALAIS ST ST HYACINTHE QUE	B COM 4
SOUAID PAUL NICHOLAS 955 DU PALAIS ST ST HYACINTHE QUE	B A 4
SOUAID PIERRE RAMSAY 955 DUPALAIS ST HYACINTHE QUE	B A 3
SOULE CALNO JOHN MACDONALD COLLEGE FRELICHSBURG QUE	TCH ELEM 1
SOULSBY ANN ROYAL VICTORIA COLLEGE 67 HIGHBOURNE RD TORONTO 12 ONT	B A 2 PL 0847
SOUTHAM PETER YOUNG 28 SUNNYSIDE AVE WESTMOUNT QUE	B ARCH 2 EL 5159
SOUTHAM WILSON JOHN H 3 REDPATH PLACE MTL 635 SIFTON BLVD CALGARY ALTA	B A 2 HA 4521
SOUTHAM ZOE 28 SUNNYSIDE AVE WESTMOUNT QUE	B A 2 EL 5159
SPADA ALDA MARY ANN E MACDONALD COLLEGE 12239 PERSILLIER BLVD MONTREAL QUE	TCH ELEM 1
SPARKES DAVID B 1559 BISHOP ST MTL SHEARSTOWN NFLD	B C L 1 LA 9083
SPARKS MARGARET NORINE 5660 QUEEN MARY RD HAMPSTEAD QUE	B A 1 EL 6784
SPARKS ROBERT LATIMER 5660 QUEEN MARY RD MONTREAL QUE	B COM 2 EL 6784
SPEARS JOY MACDONALD COLLEGE 4831 VICTORIA AVE MONTREAL QUE	TCH ELEM 1
SPECTOR BERNARD DAVID 4326 COOLBROOK AVE N D G MONTREAL QUE	B SC 3 WA 7568
SPECTOR SEYMOUR MICHAEL 4917 VICTORIA AVE MONTREAL QUE	B C L 3 DE 4365
SPEIRS DEREK JAMES 5010 SHERBROOKE ST W WESTMOUNT QUE	B COM 3 DE 1575
SPENCE DOROTHY 7094 BOYER ST MONTREAL QUE	B L S 1 DO 6533
SPENCE JOHN ALFRED 6237 5TH AVE ROSEMOUNT QUE	B ENG MCH 4 CA 1586
SPENCE REGINALD EDISON 624 PRINCE ARTHUR ST MTL 2 MADISON AVE WINDWARD RD P O JAMAICA B W I	B A 2
SPENCE RENWICK MICHEL 580 CHESTER AVE TOWN OF MOUNT ROYAL QUE	EDUCATION 5 AT 5048
SPENCE ROBERT LESLIE 418 PRINCE ARTHUR ST MONTREAL QUE	B ENG 1
SPENCER JANET WEALTHIA MACDONALD COLLEGE 745 42 AVE LACHINE QUE	TCH INT 1
SPENCER JUNE HAROLDINE MACDONALD COLLEGE BOX 24 KNOWLTON QUE	B SC H EC 1
SPENTZOS JAMES C 4302 KENSINGTON AVE N D G MONTREAL QUE	B A 2 DE 6691
SPEVACK ALLAN 3925 PLAMONDON AVE MONTREAL QUE	B ENG 1 EX 5943
SPEVACK MARLENE MACDONALD COLLEGE 4102 DE BULLION ST MONTREAL QUE	TCH ELEM 1
SPEYER JUDITH ALLDA ROYAL VICTORIA COLLEGE 42 20 KISSENA BLVD FLUSHING N Y U S A	B A 4 PL 0526
SPHIKAS GEORGE BASIL 5400 DECELLES AVE APT 16 MONTREAL 6 EPITOU ST ATHENS GREECE	B ENG MCH 4 RE3 3201
SPIEGEL MURRAY BERNARD 4090 MACKENZIE AVE MONTREAL QUE	B C L 3 EX 0321
SPINO DOMENIC 10156 ST LAWRENCE BLVD MONTREAL QUE	M SC 1 VE 3280
SPIRA PAUL 4845 HUTCHISON ST APT 1 MONTREAL QUE	B ENG CH 3 DO 2145
SPOWART MELVILLE ALBERT 3445 PEEL ST MTL BOX 167 GOLDEN B C	B COM 3 HA 9462
SPRATT GORDON WILLIAM 1180 DRUMMOND ST APT 23 MONTREAL 3279 RAE ST REGINA SASK	B ENG CIV 5 UN6 9003
SPRIGGS BARBARA HILARY BOX 92 STE ANNE DE BELLEVUE QUE	B SC P ED 1
SPRINGATE GORDON LEONARD 8523 ONTARIO ST E MONTREAL 5 QUE	B ENG EL 3 CL 6221

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SPRINGER DENISE ROYAL VICTORIA COLLEGE 4 ROBINWOOD AVE TORONTO ONT	B A 2
SPRINGER ELIZABETH JANE MACDONALD COLLEGE 131 MOUNT PLEASANT AVE SAINT JOHN N B	B SC H EC 1
SPROTT WILLIAM LAWRENCE ELM AVE HUDSON HEIGHTS QUE	D D S 4 HUD 4166
SPROULE JOHN ALEXANDER 135 WESTMINSTER AVE N MONTREAL WEST QUE	M PS SC 2 WA 3142
SPROULE RICHARD MCLEAN 172 EDGEHILL RD WESTMOUNT QUE	B COM 2 EL 7296
SPROULE VIVIAN ARLENE 6 MERTON CRESCENT HAMPSTEAD QUE	B SC 4 EL 4766
SPYROU XENOPHON 3610 DUROCHER ST APT 30 MONTREAL PORT OF VATHY SAMOS GREECE	B A 1 MA 2639
STACEY COOPER HARRY ROYAL VICTORIA HOSPITAL MONTREAL QUE	MED DIPL 3 PL 1251
STACEY DOROTHY MAY 4500 GIROUARD AVE APT 7 WOODSTOCK N B	GR N CERT 1 WA 8825
STACHIEWICZ BOGDAN ROMAN 432 ROSLYN AVE MONTREAL 6 QUE	M ENG 2 GL 3730
STAINSBY ELEANOR 3784 MELROSE AVE N D G MONTREAL QUE	B L S 1 WA 8801
STAIRS ELIZABETH RACHE 841 LEXINGTON AVE MONTREAL QUE	B A 4 EL 5007
STAMATOPOULOS ARIS 252 METCALFE AVE MTL 10 IPSILANTON ST ATHENS GREECE	B ENG AM 5 FI 2763
STAMP BRYAN UNETT O DOUGLAS HALL 93 SLOANE ST LONDON S W I ENG	B A 4 MA 6896
STAMPLEMAN ARTHUR HOWARD 3766 GREY AVE N D G MONTREAL QUE	B A 1 DE 9542
STANGELAND TOR OSCAR LA GABELLE CO ST MAURICE QUE	B C L 3
STANLEY BARBARA MARIAN 711 VICTORIA AVE WESTMOUNT QUE	D COM 3 WA 3191
STANLEY JOHN CHRISTOPHER WEST DIV MTL GEN HOSPITAL MONTREAL QUE	MED DIPL 2 WI 3121
STANLEY THEODORE YMCA 1441 DRUMMOND ST MT 810 SO 8TH ST WILMINGTON N C U S A	B SC 2
STAR ISIDORE 1035 JEAN TALON W APT 17 MONTREAL QUE	D D S 4 CA 4303
STARKEY BRUCE 3851 UNIVERSITY ST MTL 20 ELLIS ST BROCKTON MASS U S A	B SC 3
STARKINGS WILLIAM JOHN 4474 ST CATHERINE ST W APT 1 MONTREAL QUE CLARKE CITY NORTH SHORE QUE	B ENG CIV 4 WI 1993
STARR ROBERT COLES 58 SOMERVILLE AVE WESTMOUNT QUE	B ENG CIV 4 DE 6213
STAVELEY ROBERT JOHNSON ST BRUNO CHAMBLY COUNTY QUE	B SC 1
STAWARZ EDWARD AUGUSTINE DOUGLAS HALL 136E COLLEGE AVE REGINA SASK	B ENG 2
STEAD ARTHUR CAREY S 15 4095 COTE DES NEIGES MONTREAL QUE	B C L 2 WE 3364
STEARNS EVA 4000 BEACONSFIELD AVE N D G MONTREAL QUE	B A 2 WA 3766
STECIUK EUGENE 92 DEMONTIGNY EAST MONTREAL QUE	B ARCH 2 MA 5083
STEELS LAWRENCE KENNETH 6 KING AVE GREENFIELD PARK QUE	B ENG 1 ORI 8356
STEEVES EDWARD CHARLES 666 VICTORIA AVE WESTMOUNT QUE	PARTIAL DE 2871
STEFANI AMELIA ALICE 1215 ST CLARE RD TOWN OF MT ROYAL QUE	B A 1 EX 2547
STEIGMANN A N A JOHN 419 LANSDOWNE AVE WESTMT 21 MANISON STONEHAM 80 MASS U S A	B A 4 GL 1667
STEIN ALLAN MANUEL 645 BLOOMFIELD AVE OUTREMONT QUE	B A 3 CR 9275
STEIN BENJAMIN 5608 JEANNE MANCE ST MONTREAL QUE	M S W 2 CR 9035
STEIN MOLLY BRENDA 6170 WILDERTON CRESCENT MONTREAL QUE	B A 1 AT 5277
STEINBERG H ARNOLD 4550 CIRCLE RD MONTREAL QUE	B COM 3 EX 4326
STEINBERG SYLVIA ROYAL VICTORIA COLLEGE 119 RANGE RD OTTAWA ONT	B A 2
STEINER LOUISE JOSEPHINE 4996 CIRCLE RD MONTREAL QUE	B A 3 WA 1497
STEINHAUSE ANNE MURIEL 480 GROSVENOR AVE WESTMOUNT 6 QUE	B A 2 GL 1739
STEINMETZ NICOLAS 4733 DORNAL AVE MONTREAL QUE	B ENG EL 4 EX 5788
STENASON WALTER JOHN 1500 CRESCENT ST APT 302 MONTREAL QUE 2183 WINDSOR RD VICTORIA B C	M COM 1 PL 1034
STENMAN HANS KARL 2066 ST LUKE ST MONTREAL QUE	B ENG 1 FI 6513
STEPHEN CHARLES HUBERT 1408 OMER ST MONTREAL QUE	B SC 3 TU 1081
STEPHEN GORDON ROBERTS DOUGLAS HALL 655 VICTORIA AVE WESTMOUNT QUE	B A 4 BE 0977
STEPHENS ANN MARGUERITE 5105 GRAND BLVD MONTREAL 29 QUE	B A 4 DE 9585

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NAME ADDRESS	COURSE & YEAR TEL. NO.
STEPHENS SAMUEL JAMES MACDONALD COLLEGE 1 MOLYNE RD HALF WAY TREE JAMAICA B W I	B SC AGR 2
STEPHENSON DONALD GILLOT 4430 COOLBROOKE AVE MONTREAL QUE	MD CM 3 WA 8338
STEPHENSON JAMES ARTHUR 5571 CANTERBURY AVE OUTREMONT QUE	B ENG 1 RE 3 2761
STEPHENSON JOHN CUTTLE 3581 UNIVERSITY ST MTL BOX 88 HUDSON QUE	B C L 2 MA 3842
STERN DEENA MARION 1440 CRESCENT ST APT 1 MONTREAL 25 QUE	B A 3 PL 6869
STERN LEONARD 6032 MOUNTAIN SIGHTS AVE MONTREAL QUE	B SC 1 EX 8641
STERN MURIEL HARRIET 95 FINCHLEY RD HAMPSTEAD QUE	M SC 1 WA 1549
STERN NORMA MACDONALD COLLEGE 3419 PRUDHOMME AVE MONTREAL QUE	TCH KIND 1
STERNTHAL MARTIN LOUIS 2940 BRIGHTON AVE APT 2 MONTREAL QUE	B ENG CH 3 EX 7631
STEVENS BERNARD ANTONY COMO QUE	PH D 2
STEVENS GEORGE DENIS 771 HARTLAND AVE OUTREMONT QUE	B COM 3 EX 1371
STEVENS GLENDA IRENE MACDONALD COLLEGE 15 ST JOSEPH BLVD DORVAL QUE	B SC H EC 3
STEVENS HARRY DENIS ROYAL VICTORIA COLLEGE 771 HARTLAND AVE OUTREMONT QUE	MED DIPL 1 PL 1251
STEVENS ISOBEL FRANCES 2285 GRAND BLVD MTL TRENHOLM QUE	GR N CERT 1 EL 6277
STEVENSON IRA MORLEY MACDONALD COLLEGE BOX 340 SUMMERSIDE P E I	PH D 3
STEVENSON ISABEL COOPER ROYAL VICTORIA HOSPITAL 635 29TH AVE W CALGARY ALTA	MED DIPL 1
STEVENSON LORNE JOHN 5620 WOODBURY AVE MONTREAL QUE	MED DIPL 3 EX 8262
STEVENSON LOUISE R 5 BRAESIDE PLACE WESTMOUNT QUE	B A 1 WI 8594
STEVENSON RONALD G L 613 BELMONT ST MTL C O MRS R S GURD 52 MELROSE AVE HUDSON QUE	M A 2 UN 6 1774
STEVENSON STANLEY WARREN 3507 MAPLEWOOD AVE MTL 130 KENSINGTON AVE N HAMILTON ONT	GRAD QUAL 1
STEWART ALICE MAXWELL 3438 STANLEY ST MONTREAL QUE	M S W 2 PL 3695
STEWART CHARLES RYERSON 31 MOUNTAIN ST GRANBY QUE	M A 3
STEWART GRACE ELIZABETH 4310 HARVARD AVE MONTREAL QUE	B SC 1 WA 4488
STEWART JOHN DONALD 3571 HUTCHISON ST MTL 43 KENILWORTH AVE OTTAWA ONT	MD CM 3 PL 8821
STEWART PAMELA DAWES 1519 PINE AVE MONTREAL QUE	PARTIAL WI 7919
STEWART ROBERT TREVOR 5531 COTE ST ANTOINE RD MONTREAL 28 QUE	B COM 3 EL 8172
STEWART WILDA LOIS MACDONALD COLLEGE P O BOX 136 STE ANNE DE BELLEVUE QUE	TCH ELEM 1
STIENNE CHARLES GEORGE 1378 GREENE AVE WESTMT 4152 VERGARA AVE HURLINGHAM ARGENTINA	B SC 4 FI 3017
STILMAN CHARLOTTE 261 ST CATHERINE RD OUTREMONT QUE	B A 4 GR 5904
STILWELL BENJAMIN WATSON 3495 RIDGEWOOD AVE APT 104 MONTREAL QUE P O BOX 50 CARMEL CAL U S A	MD CM 4
STIMPSON DON DILLEN 3506 UNIVERSITY ST MTL 12 BARTON ST PRESQUE ISLE MAINE U S A	B A 3 PL 0150
STIRLING BRUCE JAMES 101 FIFTH AVE VERDUN QUE	B SC 4 YO 7854
STIRLING DONALD VICTOR 7649 LASALLE BLVD VILLE LASALLE QUE	B A 3 TR 1453
STONE ENID ANN MACDONALD COLLEGE 4927 BESSBOROUGH AVE MONTREAL QUE	B SC H EC 3
STONEFIELD CHARLES R MACDONALD COLLEGE 1097 ARGYLE AVE VERDUN QUE	TCH INT 2
STORDY STANFORD NELSON 3429 PEEL ST MTL 6776 MARGUERITE AVE VANCOUVER B C	B A 4 PL 7385
STOREY SAMUEL HARRY WILSON HALL APARTADO 838 HABANA CUBA	B SC 2 UN 6 0247
STOREY WINNIFRED 731 ROCKLAND AVE OUTREMONT QUE	MD CM 3 TA 4945
STORIE THOMAS FREDERICK 2039 MCGILL COLLEGE AVE 411 SIMCOE ST N OSHAWA ONT	B A 2 LA 7337
STOTT ANNE MARY 4170 JEAN RENOU LACHINE QUE	B F A 3 NE5 3198W
STOUGHTON PETER VAN C 3439 DUROCHER ST MTL 192 SOUTH MAIN ST WEST HARTFORD CONN U S A	MD CM 4 BE 9231
STRACHAN ALISON ANN ROYAL VICTORIA COLLEGE 11 SEAVIEW AVE HALFWAY TREE ST ANDREW JAMAICA B W I	B SC 4 PL 0571

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NAME ADDRESS	COURSE & YEAR TEL. NO.
STRACHAN DORIS ELSIE A ROYAL VICTORIA COLLEGE 1368W 48TH AVE VANCOUVER B C	B A 3
STRAESSLE TONY CHARLES 80 WOLSELEY AVE MONTREAL QUE	B COM 2 WA 2004
STRATFORD NORA WALLACE 624 MURRAY HILL AVE MTL 77 CHARLOTTE ST BRANTFORD ONT	GR N CERT 1 DE 4863
STRATHDEE JOHN ALEXANDER 3518 PARK AVE MTL 3300 CLAY ST SAN FRANCISCO CAL U S A	B SC 1 BE 3844
STRATHY GORDON MACKENZIE 3429 PEEL ST MTL HUDSON HEIGHTS QUE	B COM 4 PL 7385
STRAW DAVID JOHN 3482 MCTAVISH ST MONTREAL QUE	B SC 3 PL 1674
STREETER CONSTANCE ROYAL VICTORIA COLLEGE 166 PROSPECT ST BERLIN N H U S A	PHYSIOTH 2
STREICHER SYDNEY SOLOMON 811 PRATT AVE OUTREMONT QUE	B ARCH 2 EX 0792
STRELSHIK ARTHUR DAVID 130 ST JOSEPH BLVD W MONTREAL QUE	B ENG 2 CA 0509
STROZYK HENRY 1620 CEDAR AVE APT 1 MTL 218 SHERMAN AVE NORTH HAMILTON ONT	B ENG MCH 3 WI 6568
STRZELECKI JOANNA ZOTIA 2747 MAPLEWOOD AVE APT 12 MONTREAL QUE	B A 3
STUART JAMES RICHARD 5600 DECELLES AVE APT 12 MONTREAL 26 QUE	M SC 1 RE 3 2155
STUBBS JOHN DOEHN DOUGLAS HALL SUNNYSIDE SHELLEY BAY BERMUDA	MD CM 1
STUCHBERY JILL MOIRA 4561 ESPLANADE AVE MTL STANDARD BANK MOSH TANGANYIKA E AFRICA	M S W 2 HA 0102
STUMP CARL 421 PRINCE ARTHUR ST W MONTREAL UNION 71 MEXICO 18 D F MEXICO	B ENG CH 5 HA 1503
STURGESS DOUGLAS HECTOR 4625 PRINCE OF WALES MONTREAL QUE	B ENG CIV 5 WA 9293
STURMAN ELAINE ANNE MACDONALD COLLEGE 4982 DORNAL AVE MONTREAL QUE	TCH ELEM 1
STUTT HOWARD ANDREW 4567 EARNSCLIFFE AVE MONTREAL 28 QUE	M A 2 EL 4584
SUAREZ ALFONSO 2039 MCGILL COLLEGE AVE MONTREAL QUE SOGAMOSO BOYACA COLOMBIA S A	B ENG CH 3 LA 7337
SUFRIN BERNARD 35 ALEPIN ST VILLE LASALLE QUE RM 259 LEGISLATIVE BLDG REGINA SASK	M A 1
SUKAVA ARMAS JOHN 3295 BARCLAY AVE APT 1 MONTREAL QUE	PH D 2
SULLIVAN EDWARD JOSEPH DOUGLAS HALL BOX 306 CHESTER NEW YORK U S A	MD CM 2
SULLIVAN HARRY MORTON 2072 A GRAND BLVD N D G MONTREAL QUE	M SC 2
SULLIVAN HERMAN ANDREW 2108 REGENT AVE MTL 154 ORANGE ST SAINT JOHN N B	B SC 3 WA 1888
SULLIVAN LORNE JOHN 1305 DECARIE BLVD APT 3 ST LAURENT QUE	M ENG 1
SULLIVAN THOMAS JOSEPH J 99 EASTON AVE MONTREAL WEST QUE	MD CM 3 WA 8544
SULTMANIS GUNARS 3805 RIDGEVALE AVE APT 4 MONTREAL QUE	D D S 1 EX 8214
SULYOK ALEK GEORGE FIELD HOUSE 1545 GLADSTONE AVE WINDSOR ONT	B SC P ED 2
SUMKA ANN ROYAL VICTORIA COLLEGE 575 ST JOHNS AVE WINNIPEG MAN	B N 1 UN 6 0227
SURA STEPHEN JR 40 MORRISON AVE TOWN OF MT ROYAL QUE	B ENG 1 AT 9501
SUSSLIN ALFRED GOULD J M MALCOLM MCMASTERVILLE QUE 10 BORLEY ST ST ALBANS VERMONT U S A	D D S 4
SUSSMAN DAVID 2767 MAPLEWOOD AVE APT 307 MONTREAL QUE	B A 4 EX 7679
SUSSMAN MARILYN MACDONALD COLLEGE 4755 RIDGEVALE AVE APT 5 MONTREAL QUE	TCH ELEM 1 RE3 3524
SUTCLIFFE FRANK HUNTLY 10760 ST URBAIN ST MONTREAL 12 QUE	B ENG CIV 5 DU 1786
SUTHERLAND RONALD 4283 ADAM ST MONTREAL 4 QUE	B A 3 CL 4946
SUTTIE GEORGE CRICHTON 131 MARTIN AVE DORVAL QUE	B SC 2 ME 1 3821
SWAIL ANNA MARY 772 MCDERMOT AVE WINNIPEG MAN	GR N CERT 1
SWAINE FREDERICK MC COY R V H 505 CLAREMONT AVE WESTMOUNT QUE	MED DIPL 2 EL 9618
SWAINE JOHN ARNOTT 505 CLAREMONT AVE N D G MONTREAL QUE	B SC 2 EL 9618
SWAINE RALPH LORNE 2105 DECARIE BLVD MONTREAL QUE	MD CM 3 EL 9618
SWAN JOHN HAROLD 3426 STANLEY ST MTL 1133 MARIAN WAY SACRAMENTO CALIF USA	LL M 1 BE 0360
SWARTZMAN MONTE THEODORE 4186 GIROUARD AVE MONTREAL QUE	B ARCH 4 WA 7003
SWEENEY CHARLES EDWARD 784 MANNING AVE VERDUN QUE	B ENG CIV 3 TR 4096

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SWEENEY MARION E MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC H EC 1
SWEENY GEORGE PATRICK 3617 LORNE CRESCENT MTL P O BOX 270 YARMOUTH N S	MD CM 3
SWIFT JOHN CLIFFORD 466 STRATHCONA AVE WESTMOUNT QUE	B COM 1
SWIRSKY ELSIE 5862 HUTCHISON ST OUTREMONT QUE	TCH INT 1 DO 8782
SYBULSKI STELLA 2803 HOLT ST ROSEMOUNT QUE	B SC 3 GI 1376
SYNOWICKA SABINA TEKLA 2529 GASCON AVE MONTREAL QUE	B SC 3 HO 3950
SZABLOWSKI GEORGE 3530 DUROCHER ST APT 22 MONTREAL QUE	B C L 1 HA 8922
SZABLOWSKI JULIE ANNE 3530 DUROCHER ST APT 22 MONTREAL QUE	M A 1
SZABO JOSEPH 4535 COOLBROOK AVE N D G MONTREAL QUE	B ENG 2 WA 7606
SZAPIRO EVE JENNY 5825 ESPLANADE AVE MONTREAL QUE	B COM 3
SZARVAS JAMES ALEXANDER DOUGLAS HALL 1762 DUNN ST NIAGARA FALLS ONT	B ARCH 3
SZUSZKOWSKA JANET J 5256 BOURBONNIERE MONTREAL QUE	B A 3 TU 6950
SZWARC MARY VIOLETTE 4376 MADISON AVE N D G MONTREAL QUE	B A 2 EL 7693

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TACHE BERNARD HENRI L 3535 DUROCHER ST APT 1 MONTREAL QUE	B ENG 2 MA 4893
TAFFERT MORTIMER 5733 PLANTAGENET AVE MONTREAL QUE	B ARCH 2 AT 3325
TAFT RUSSELL HENRY 3581 UNIVERSITY ST MTL 9 CLINTON AVE CLENS FALLS NEW YORK USA	D D S 2 MA 3842
TAGUCHI YOSH 5954 24TH AVE MONTREAL 36 QUE	B SC 2 CL 1726
TAKACS ALEXANDER 1118 6TH AVE VERDUN QUE	B ENG EL HE 5650
TAKEFMAN FROMA 5201 WESTBURY AVE MONTREAL QUE	B A 3 AT 7271
TALBOT MARGARET E 4551 BESSBOROUGH AVE N D G MONTREAL QUE	PHYSIOTH 1 DE 4092
TALMA TREVOR EDMUND H 3519 LORNE AVE MTL TREVONDOR WELCHES CHRIST CHURCH BARBADOS B W I	B SC 2
TAMBLING KIRK ARTHUR MACDONALD COLLEGE 2356 HINGSTON AVE N D G MONTREAL QUE	B SC AGR 3
TAMMIST TIIU R V C HAWKESBURY ONT	B ARCH 2
TANAKA HELEN HARUKO 520 OUTREMONT AVE OUTREMONT QUE	B A 2 GR 6285
TANAKA HERBERT KEN 135 CLEMENT ST VILLE LASALLE QUE	B ENG 2
TANENBAUM HOWARD LEON 834 MCEACHRAN AVE MONTREAL QUE	B A 1 CR 7439
TANG FONG RALPH 3493 SHUTER ST MTL 113 TRAGARETE RD PORT OF SPAIN TRINIDAD B W I	B ENG 2 BE 0879
TANNENBAUM LOUIS 5602 PARK AVE MONTREAL QUE	B A 4 CR 9319
TANNENBAUM RUTH ADA E 5639 CLANRANALD AVE MONTREAL QUE	PARTIAL AT 3094
TANNENBAUM WALTER ALLEN 6565 DE VIMY AVE MONTREAL QUE	B A 1 EX 0904
TANNER CHARLES MACDONALD COLLEGE WINDSOR MILLS QUE	B SC AGR 1
TARASOFSKY EDWARD 5272 ESPLANADE AVE MONTREAL QUE	B SC 3 CA 1765
TARASSOFF PETER 667 GORDON AVE VERDUN QUE	B ENG 2 YO 9636
TARLTON AUDREY CAROLE 1455 DRUMMOND ST APT 310 MONTREAL QUE	B ENG CIV 3 BE 1639
TASCHEREAU MALCOLM A 3506 UNIVERSITY ST MTL 189 FRASER ST QUEBEC CITY QUE	B ENG MI 5 BE 0624
TASCHEREAU MAURICE E WILSON HALL 189 FRAZER ST QUEBEC CITY QUE	B ENG MI 5 BE 0624
TAUB BARBARA JOAN 4901 ISABELLA AVE MONTREAL QUE	B A 4 AT 9736
TAUSSIG ANDREW 3941 BARCLAY AVE APT 6 MONTREAL QUE	PH D 1 EX 4719
TAUVRINS EGINA 322 WESTMINISTER AVE MONTREAL W QUE	B SC 3 WA 9258
TAVISS STANLEY 4580 HAMPTON AVE N D G MONTREAL QUE	B A 4 EL 9905
TAYLOR BRUCE CHISHOLM 3441 WELLINGTON ST VERDUN QUE	B SC 2 WI 1968
TAYLOR BRUCE MELVILLE 7471 ST DENIS ST MONTREAL 10 QUE	B ENG MET 4 CR 7041
TAYLOR CAROL MARGUERITE MACDONALD COLLEGE 632 MOISAN ST DRUMMONDVILLE QUE	B SC H EC 3
TAYLOR COLIN WILLIAM MACDONALD COLLÉGE 38 ST LOUIS RD APT 30 QUEBEC CITY QUE	B SC AGR 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TAYLOR DIAIXE EVERELD 4719 UPPER ROSLYN AVE MONTREAL QUE	B COM 1
TAYLOR DOREEN MACDONALD COLLEGE 5499 11TH AVE ROSEMOUNT QUE	TCH ELEM 1
TAYLOR FREDERICK BRUCE 4571 BELANGER ST ROSEMOUNT QUE	B COM 2 TU 7733
TAYLOR JEAN ELIZABETH MACDONALD COLLEGE GRAND FALLS N B	B SC H EC 1
TAYLOR JOHN CULBERT MACDONALD COLLEGE 105 BROADWAY AVE OTTAWA ONT	B SC AGR 2
TAYLOR JOHN KEITH 74 NEPTUNE BLVD STRATHMORE QUE	B ENG EL 4 ME 1 1464
TAYLOR LEWIS JAMES 93 ST LOUIS AVE BEAUREPAIRE QUE	B COM 2
TAYLOR MARY BOSHER ROYAL VICTORIA COLLEGE 257 LAURIER AVE QUEBEC QUE	B A 3
TAYLOR ROBERT BURT 54 LAWRENCE AVE W TORONTO ONT	M SC 2
TAYLOR RONALD JOSEPH MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	D D S 3
TAYLOR RUTH MCKINLAY ROYAL VICTORIA COLLEGE 26 KIRK AVE FARNHAM QUE	B A 4 PL 0634
TEAKLE SUSAN FRANCIS 459 STRATHCONA AVE MONTREAL QUE	B A 1 GL 1957
TEANY ARTHUR ROY 5150 DECARIE BLVD APT 12A MONTREAL QUE	B SC 3 DE 3922
TEARE KATHERINE ANN ROYAL VICTORIA COLLEGE BOX 113 BEDFORD QUE	B SC 2 PL 0477
TEASDALE GRAEME 19 RIVERVIEW AVE VILLE LASALLE QUE	B A 4 NE5 2892W
TEITELBAUM LIONEL 1901 CLINTON AVE MONTREAL QUE	B COM 2 EX 1388
TEITELBAUM SAM LENARD	B SC 1
TELFER IRWIN EVEREST MACDONALD COLLEGE 135 3RD AVE VERDUN QUE	B SC AGR 4
TELFER ISABEL JEAN ROYAL VICTORIA COLLEGE 205 CHATEAUGUAY ST HUNTINGDON QUE	B A 4 PL 0598
TELNER PAUL PERCY UNIV OF PENNSYLVANIA 615 S COBBS CREEK PKWAY PHILADELPHIA PA	MED DIPL 1
TEMPLE PETER GEORGE 480 BERWICK AVE MONTREAL QUE	B ENG 1 AT 3621
TEMPLETON WILLIAM ROBERT MACDONALD COLLEGE RIVERFIELD QUE	AGR DIP 2
TENCER DAVID 703 MCEACHRAN AVE MONTREAL QUE	B COM 4 DO 2752
TENENBAUM MARCEL PAUL 5500 VICTORIA AVE APT 6 MONTREAL QUE	B ENG 1 RE 3 4216
TENENHOUSE ALAN 3841 DROLET ST MONTREAL QUE	B SC 2 HA 1504
TENNANT ALAN DAWSON MACDONALD COLLEGE 45 SPENCER ST OTTAWA ONT	PH D 2
TEPPER JULIAN THOMAS W 68 STRATFORT RD HAMPSTEAD QUE	B ENG 1 HU 8 6205
TESLA CATHARINE 3809 COLONIAL AVE MONTREAL QUE	B SC 1
TESSIER JOSEPH GEORGE P 4852 PRINCE OF WALES AVE MONTREAL QUE BOX 99 HEARST ONT	B SC P ED 3 EL 6927
TESSIER LISE MACDONALD COLLEGE 4330 ADAM ST APT 5 MONTREAL QUE	B SC H EC 1
TESSIER ROBERT PATRICK 3419 DRUMMOND ST MTL 241 JOFFRE AVE QUEBEC CITY QUE	MUS QUAL 1 BE 0390
TETRAULT JACQUES 503 ROSLYN AVE MONTREAL QUE	B C L 4 FI 0836
TETREAULT JACQUES MAURICE 6304 MOLSON ST MONTREAL QUE	B C L 1 CA 4846
THAYER JOHN ROSS 270 35TH AVE LACHINE QUE	B ENG 2 NE5 1874W
THEILL JOHANNE ERNA 3 LOGAN ST APT 4 ST LAMBERT QUE	GR N CERT 1
THEMELIS MCKOLAS 4840 CLARK ST MTL 23 ARISTARHON ST ATHENS 5 GREECE	B ENG 2 MA 4683
THERIAULT JANET MARIE 3615 LORNEE CRESCENT MONTREAL 2 QUE	B SC 2 PL 6000
THERIAULT LORRAINE J 3615 LORNE CRESCENT MONTREAL QUE	B A 1 PL 6000
THIBAUDEAU JEAN CLAUDE ST EUSTACHE QUE	B C L 1
THIBAULT JOS RAYMOND PRICE MATANE CO QUE	D D S 1
THIBOUTOT JOSEPH JULES H 28 ST GEORGES ST STE ANNE DE BELLEVUE QUE ST HILAIRE QUE	B SC AGR 1
THIMENS ANDRE RAYMOND 2677 ST ZOTIQUE ST ROSEMOUNT QUE	B ENG CH 3 CA 8867
THOM ROBERT CHARLES 3851 UNIVERSITY ST MTL ERNFOLD SASK	MD CM 2
THOMAN RUSSELL KENNETH 8 STRATFORD RD HAMPSTEAD QUE	B ENG 1 EL 0610
THOMAS ALLAN 4816 ISABELLA AVE MONTREAL 26 QUE	B ARCH 1 EX 1463
THOMAS ELLEN RUTH ROYAL VICTORIA COLLEGE 33 BRIDGE ST PHOENIX N Y U S A	B A 1 MA 0030

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NAME ADDRESS	COURSE & YEAR TEL. NO.
THOMAS GERDA JOAN 1536 ST MARK ST MONTREAL QUE	B A 3 FI 4493
THOMAS GERALD QUEEN MARY VET HOSP 68 BRONSON AVE OTTAWA ONT	MED DIPL 2
THOMAS JAMES BOYD MACDONALD COLLEGE 126 GLADSTONE AVE SAULT STE MARIE ONT	PH D 2
THOMAS JAMES HENRY 1536 ST MARK ST APT 5 MONTREAL QUE	B A 4 FI 4493
THOMAS JUDITH JOY 4097 HIGHLAND AVE MONTREAL 6 QUE	B A 1 FI 9225
THOMAS MARIE EUGENE MACDONALD COLLEGE THE IVY ST MICHAEL BARBADOS	HOMEMAKER 1
THOMAS ROLAND ALPHEUS 3641 OXENDEN AVE MTL OTTOS ST JOHNS ANTIGUA B W I	B SC 1 PL 6508
THOMAS TELFER LAWSON 8 LANGEVIN ST FORT CHAMBLEY QUE	B SC 4
THOMAS WILLIAM GEORGE WILSON HALL 51 1ST AVE NORTH WELLAND ONT	B ENG 2
THOMASON HELENE MARIE A MACDONALD COLLEGE 220 CASTNER ST ARVIDA QUE	B SC H EC 3
THOMPSON BLASHFORD GORDON 5254 COOLBROOK AVE MONTREAL 29 QUE	B SC 2 DE 5187
THOMPSON DAVID BOURNE T 4646 CONNAUGHT AVE MONTREAL QUE	B COM 2 EL 4239
THOMPSON ELIZABETH JANE 139 COOLBREEZE AVE LAKESIDE QUE	B SC P ED 4
THOMPSON HUGH RALPH 3508 UNIVERSITY ST MONTREAL QUE	PH D 2
THOMPSON JOHN DOUGLAS 152 QUINN BLVD LONGUEUIL QUE	B ENG 1 OR 5 6717
THOMPSON JOHN MORROW 6440 MONKLAND AVE APT 38 MONTREAL QUE P O BOX 140 CONTE ARGENTEUIL WEIR QUE	B ENG 2 DE 5287
THOMPSON LINDA JUNE 60 STRATFORD RD HAMPSTEAD QUE	B SC P ED 3 EL 5303
THOMPSON NORMAN STORM 3050 BRIGHTON AVE MONTREAL QUE	PH D 3
THOMPSON RICHARD M 139 COOLBREEZE AVE LAKESIDE QUE	B ENG 2
THOMPSON WILLIAM ALLEN 918 HARTLAND AVE MONTREAL QUE	B SC 4 EX 7729
THOMSON ALAN BRUCE MACDONALD COLLEGE ABBOTSFORD QUE	AGR DIP 2
THOMSON BARBARA ELSPETH ROYAL VICTORIA COLLEGE BOX 201 STE ANNE DE BELLEVUE	B A 1 PL 0597
THOMSON DOUGLAS LORNE DOUGLAS HALL 108 4TH AVE YORKTON SASK	MD CM 3 MA 2828
THOMSON HUGH MACINTOSH MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 1
THOMSON J ARTHUR 3521 UNIVERSITY ST MONTREAL QUE	B SC 3 HA 9579
THOMSON MARGARET STEWART 1455 DRUMMOND ST APT 511 MONTREAL 25 QUE	PARTIAL PL 6441
THORNBER JEAN CHRISTINA 437 GROSVENOR AVE APT 10 WESTMOUNT QUE	GR N CERT 1 GL 4368
THORNE KENRICK HERBERT MACDONALD COLLEGE LIEBASTRAUM PROSPECT ST JAMES BARBADOS B W I	B SC AGR 4
THORNTON LARRY CLARENCE DOUGLAS HALL 660 BELMONT AVE NEWARKS NEW JERSEY USA	MD CM 3
THORNTON RONALD CHARLES 6648 15TH AVE ROSEMOUNT QUE	B ENG 1 TA 4468
THRASHER CLARENCE BRUCE 3436 DUROCHER ST APT 12 MONTREAL QUE WISETON SASK	MD CM 3 MA 8264
THURMAN WILLIAM GENTRY 3100 KENT AVE MTL 313 OAKWOOD AVE RALEIGH N C U S A	MD CM 3
TIBERGHIEN CHARLES MARC 240 BLOOMFIELD AVE MONTREAL 8 QUE	B ENG EL 3 VI 7983
TICEHURST RUPERT SEALE MACDONALD COLLEGE R R NO 4 MAGOG QUE	AGR DIP 1
TIFFIN BRIAN FRANK 4831 SHERBROOKE ST W APT 10 MONTREAL QUE	M SC 2 GL 3259
TILTON FLOYD HARRISON 495 PRINCE ARTHUR ST W APT 11 MONTREAL QUE 1202 E ACACIA ST GLENDALE 5 CALIF U S A	MD CM 3 MA 5810
TIMMINS BARBARA HELEN 1309 REDPATH CRESCENT MONTREAL QUE	B A 2 LA 6041
TIMMINS ROBERT NELSON 14 SUNNEYSIDE AVE MONTREAL QUE	B COM 2 FI 1919
TIMMIS WILLIAM GORDON DOUGLAS HALL 12 ST MAURICE TERRACE CAP DE LA MADELEINE QUE	B A 4
TIMOFEEFF NICOLAY PETER 3588 ST FAMILLE ST MTL ISLE MALIGNE QUE	B SC 3 HA 0969
TINK ROLAND ROBERT 213 A THOMAS DRIVE WILMINGTON DEL USA	PH D 4
TINKOFF HEATHER LILLIAN 5117 LACOMBE AVE MONTREAL QUE	B A 1 AT 3589
TIPHANE MARCEL 6584 12TH AVE ROSEMOUNT QUE	PH D 3
TISCHLER ISAAK MTL GENERAL HOSPITAL MONTREAL QUE	MED DIPL 1 PL 7751

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TISSHAW LESLIE RALPH 4625 GRAND BLVD APT 5 N D G MONTREAL 28 QUE	B COM 2 DE 6398
TITCOMB BERTRAM RICHARD C O MRS P C KIRKPATRICK P O BOX 464 STE ANNE DE BELLEVUE QUE	B ENG 2
TITUS GREGORY LAW 4090 ROYAL AVE MTL YARMOUTH NORTH NOVA SCOTIA	PARTIAL WA 1156
TKACZ ALICE MACDONALD COLLEGE 2534 ST ZOTIQUE ST E MONTREAL 36 QUE	TCH ELEM 1
TOBIAS RYTSA HELENE 3300 RIDGEWOOD AVE APT 45 MONTREAL QUE	M A 2 AT 8415
TOBOLT EVA 1500 DECARIE BLVD APT 39 MONTREAL QUE	B SC 1 BY 3103
TOBY SIDNEY 6116 DUROCHER AVE APT 15 OUTREMONT MONTREAL QUE	M SC 1 CA 1076
TODD JEAN ELIZABETH R V C 424 TURNER ST CHERRY CHASE MD U S A	MD CM 4 PL 0477
TODD JOHN EVERETT 237 KENSINGTON AVE WESTMOUNT QUE	B C L 1 WE 5655
TODD MARGARET ALISON T ROYAL VICTORIA COLLEGE 424 TURNER ST CHERRY CHASE 15 MARYLAND U S A	B SC 4
TODD TERENCE CHARLES 438 KINDERSLEY AVE TOWN OF MT ROYAL QUE	MED DIPL 2 EX 2015
TODMAN LIONEL ALFONSO 258 SHERBROOKE ST W MTL CHARLOTTE AMALIE ST THOMAS VIRGIN ISLANDS	M S W 1 BE 7102
TOLCHINSKY SOL 6267 CLANRANALD AVE MONTREAL QUE	B A 3 AT 5648
TOLLER JOAN FRANCES MACDONALD COLLEGE 221 COBOURG ST OTTAWA ONT	HOMEMAKER 1
TOMAKA ZBIGNIEW JAN 1485 BERNARD AVE APT 14 MONTREAL QUE	B ENG MCH 3 VI 4276
TOMITA FRANK MASAYASU 9777 ST CHARLES AVE MONTREAL QUE	B ENG 1 VE 2977
TOMKINS PETER BACOT 150 LAKE ST ROUSES POINT N Y USA	S T M 1
TOMLIN LEONARD WILLIAM MACDONALD COLLEGE 6 DUPRE AVE SOREL QUE	AGR DIP 1
TONCHIN JOHN BERNARD 5046 ST URBAIN ST MONTREAL QUE	D D S 1 TA 8944
TONDI PETER 6807 PIE IX BLVD MONTREAL QUE	B ENG 1 TU 6425
TONKS ALFRED RONALD 4665 BEACONSFIELD AVE MONTREAL 28 QUE	B A 2 DE 7691
TOPAZIAN DAVID SHAVARSH 3445 PEEL ST MTL OLD ORCHARD RD RYEACRES PORT CHESTER N Y USA	D D S 3 HA 9462
TOPAZIAN RICHARD GEORGE 3445 PEEL ST MTL OLD ORCHARD RD RYE ACRES PORT CHESTER N Y USA	D D S 2 HA 9462
TOPOROWSKI TED 3234 ST ZOTIQUE ST ROSEMOUNT QUE	B ENG 2 CA 9935
TORNAY EDGAR 1820 BAYLE ST MONTREAL QUE	B ARCH 2 WE 9390
TOROBIN LEONARD BARRY 78 DULUTH ST W MONTREAL 18 QUE	B ENG 2 BE 7020
TORRANCE PAMELA LYON ROYAL VICTORIA COLLEGE 165 TEDDINGTON PARK TORONTO ONT	B A 3
TOSCANO JEANNIE K ROYAL VICTORIA COLLEGE 76 DAY ST AUBURNDALE 66 MASS U S A	B A 1
TOSTEVIN WILLIAM CHARLES 25 THORNTON AVE TOWN OF MT ROYAL QUE	B ENG CH 4 EX 1945
TOULCH HARRY MAXWELL 5245 DUROCHER AVE OUTREMONT QUE	B A 2 CR 6684
TOUS GUILLERMO JAIME 2060 METCALFE ST MTL APARTADO 916 HABANA CUBA	B ENG 2 PL 0010
TOUSIGNANT JOSEP MARTIAL 356 ST DENIS TERRACE MTL 866 NADEAU ST THETFORD MINES	B ENG 1 LA 7928
TOWNSEND DARRYL EDWARD R 4352 COOLBROOK AVE MONTREAL 28 QUE	MD CM 2 WA 7088
TOWNSEND DAVID LEONARD 644 BELMONT AVE WESTMOUNT QUE	M ENG 1 WA 2943
TOWNSEND DONALD A 53 HANDFIELD CIRCLE DORVAL QUE	D D S 2
TOWNSEND EDITH EDGECOMBE 4250 MARCIL AVE APT 1 N D G MONTREAL QUE	B SC 4 WA 4287
TOWNSEND FRANCES JEAN 644 BELMONT AVE WESTMOUNT QUE	B SC 1 WA 2943
TOWNSHEND MARGARET E R V C WINDSOR N S	B SC P ED 4
TOYE DAVID EDMUND 4290 WESTERN AVE MONTREAL QUE	B C L 1 WE 4374
TOYE JEAN ROSE 4290 WESTERN AVE WESTMOUNT QUE	B SC 1 WE 4374
TOYOOKA JOHN ROKURO DIOCESAN THEOL COLLEGE NEW LIFE SANATORIUM OFUSE NAGANO JAPAN	PARTIAL MA 4902
TRACHTENBERG SAMUEL 5209B BORDEN AVE MTL 1285 RANDALL AVE OTTAWA ONT	PH D 3 EL 8125
TRACY RICHARD COLE MACDONALD COLLEGE 76 QUEENS RD VALOIS QUE	TCH ELEM 1
TRAIL GORDON ARNOLD MACDONALD COLLEGE R R 6 FREDERICTON N B	B SC AGR 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TRAINOR JOHN MICHAEL DOUGLAS HALL 676 WELLINGTON CRESCENT WINNIPEG MAN	MD CM 2
TRASK CHARLES HUGHES 3466 MCTAVISH ST MTL 604 MAULSBY LANE EVERETT WASH U S A	MD CM 2
TRASLER DAPHNE GAY 1122 LAIRD BLVD APT 5 TOWN OF MT ROYAL QUE	M SC 1
TRAVES ELIZABETH ANNE MACDONALD COLLEGE 595 DAWSON AVE TOWN OF MT ROYAL QUE	B SC H EC 2
TREHUB ESTELLE PATRICIA 748 DAVAAR AVE OUTREMONT QUE	B SC 1 CA 1057
TREMAIN MARY FAYRE 5608 QUEEN MARY RD MONTREAL QUE	PHYSIOTH 2 WA 5990
TREMBLAY FERN LAURENT 1448 MACKAY ST MTL 39 GAULBURN AVE OTTAWA ONT	B ENG CIV 3 GL 1394
TREMBLAY GINETTE LOUISE 4018 MARLOWE AVE N D G MONTREAL QUE	B A 1 WA 7678
TREMBLAY JEAN JACQUES 6825 PIE 10 BLVD MONTREAL QUE	B COM 2 TU 3350
TREMBLAY MAURICE ROBERT MACDONALD COLLEGE STANBRIDGE EAST QUE	B SC AGR 2
TREMBLETT HILDA 354 ELM AVE MTL BONAVISTA NFLD	MD CM 2 GL 3123
TRICKEY KENNETH WELDON THEOLOGICAL COLLEGE 145 BARRON ST LACHUTE QUE	B A 2
TRIM GEORGE I 631 CARLETON AVE WESTMOUNT QUE	B A 1 HU 8 5055
TRITES ALBERT EDWARD W 3504 PARK AVE APT 18 MONTREAL QUE	MD CM 3 LA 8539
TROSSMAN BERNARD 12 CAMBRAI AVE OUTREMONT QUE	B SC 4 AT 3224
TROSSMAN SYLVIA RUTH 12 CAMBRAI RD OUTREMONT QUE	M S W 2 AT 3224
TROUGHTON KEVIN GERALD 122 15TH AVE ST EAUSTACHE SUR LE LAC QUE	B SC 1
TRUSSLER PAUL JAMES 53 CURZON AVE MTL W 824 BOURKE ST NORTH BAY ONT	B ARCH 2 EL 8120
TSAO FRANKLIN WEN LING 426 SHERBROOKE ST W APT 4 MONTREAL 4 PERKINS RD HONG KONG	B ENG 1 MA 1388
TSUK PETER THOMAS 4384 SHERBROOKE ST W APT 8 MONTREAL QUE	B ENG MCH 4 FI 4162
TSUKAMOTO JOE YOSHIKAZU MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PARTIAL
TUCKER BARBARA MACDONALD COLLEGE 526 KENWOOD AVE OTTAWA ONT	B SC H EC 4
TUCKER ERIC CLINTON MCALLISTER LANE TRINIDAD B W I	B SC 1
TUCKER FRANCES ANN MACDONALD COLLEGE 2545 MONTCLAIRE AVE MONTREAL 28 QUE	B SC H EC 1
TUCKER GRAHAM HAROLD RICHELIEU RD MCMASTERVILLE QUE	B D 3
TUCKER MICHAEL LOVETT 28 WINDSOR AVE WESTMOUNT QUE	B ENG CIV 5 EL 2633
TULLY RUSSEL HAMILTON 3485 MCTAVISH ST MTL ATHELSTAN QUE	B ENG MCH 5 MA 0141
TULUMELLO TONY VINCENT 66 STATE ST WELLAND ONT	D D S 3
TUNIS CYRIL JAMES 4407 ESPLANADE AVE MONTREAL QUE	B ENG PHY 4 MA 5595
TUNIS MORTIMER MARTIN 3790 COTE ST CATHERINE MONTREAL QUE 435 EAST 74TH ST NEW YORK 21 N Y USA	MED DIPL 4
TUNIS SAUL 3788 KENT AVE MONTREAL QUE	B A 2 AT 6360
TUOHY CEDRIC EDWARD 3565 DUROCHER ST APT 17 MONTREAL QUE 510 AVE B SNOHOMISH WASH U S A	MD CM 4 HA 9096
TUPLIN ISAAC LOWTHER MACDONALD COLLEGE SUMMERSIDE P R 2 P E I	M SC 1
TURNAU CLAIRE J J A MACDONALD COLLEGE 20329 LAKESHORE RD BAIE D URFE QUE	B SC H EC 3
TURNBULL ANNE COLLIER R V C 3 MOUNT PLEASANT COURT SAINT JOHN N B	B SC P ED 2
TURNBULL DAVID GLADWIN 3202 THE BOULEVARD WESTMOUNT QUE	B A 1 WE 6977
TURNER JOHN DEAN 521 PRINCE ARTHUR ST W MONTREAL QUE 2340 SHERWOOD RD SAN MARINO 9 CALIF U S A	MD CM 1 MA 0856
TURNER JOHN DOUGLAS 118 ARLINGTON AVE WESTMOUNT QUE	B A 1 GL 1057
TURNER SIDNEY JOHN 10 GLENMORE RD HAMPSTEAD QUE	B ENG MCH 4 EL 0484
TURPIN JOHN RICHARD 1746 CEDAR AVE MONTREAL QUE	B COM 4 YO 9922
TUTTLE GRAEME MCCURDY 3431 DRUMMOND ST MTL 101 SENECA ST OTTAWA 1 ONT	B ENG CIV 5 MA 0243
TWEED WILLIAM JOHN 7418 QUERBES AVE MONTREAL QUE	M ENG 1 VI 6437
TWYMAN MARGARET MAUD 5196 IBERVILLE ST APT 2 MONTREAL 36 QUE	B SC 3 HO 2194
TYLER ROBERT BRUCE 34 BROCK AVE N MONTREAL QUE	B ENG CIV 3 EL 5106

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TYRRELL BRUCE WILKINS 4310 WEST HILL AVE N D G MONTREAL QUE	M ENG 2 EL 1876
TYRRELL HOPE AGATHA ROYAL VICTORIA COLLEGE DOCK HILL DEVONSHIRE WEST BERMUDA	B SC 2 PL 0571
TYSZKIEWICZ RENIA MARY T 5380 BOURRET AVE MONTREAL QUE	B SC 1
TZIMAS PANAGIOTIS 3608 ST FAMILLE ST MTL KASTORIA GREECE	B ENG 1

U

UBBELOHDE JOBST HINRICH TRAV MANOEL LEBRAO 32 STA TERESA RIO DE JANEIRO BRAZIL	B ENG PHY 3
UCHIDA HIROSHI 3451 PRUDHOMME AVE MONTREAL 28 QUE	B ENG MCH 4 EL 1246
UGOJI SAMUEL NLEMCHUKWU DOUGLAS HALL BOX 89 PORT HARCOURT NIGERIA W A	B SC 3
UMBERG NORMAN HUBERT 174 THORNTON AVE MONTREAL QUE	B ENG 1 EX 2959
UNDERHILL HELEN MARY ROYAL VICTORIA COLLEGE 114 BROWNSBURG RD LACHUTE QUE	B A 4
UNG ALBAN YOU MING 1126 CLARKE ST MONTREAL QUE	B SC 2 HA 1694
URQUHART DONALD WILLIAM 2008 MARLOWE AVE APT 11 N D G MTL QUE	B ENG CIV 5 HU 8 3153
USHER DANNY 348 LANSDOWNE AVE MONTREAL QUE	B A 2 GL 3179
USHER DAVID RICHARD 4437 KING EDWARD AVE N D G MONTREAL QUE	B SC 3 DE 5151
USHER DIANA JOYCE 4647 UPPER ROSLYN AVE WESTMOUNT QUE	PARTIAL EL 2088
USHER ROBERT HOWARD 4437 KING EDWARD AVE N D G MONTREAL QUE	MD CM 3 DE 5151
USHER SHEILA JUDITH 657 BELMONT AVE WESTMOUNT QUE	B A 1 EL 5354
USHEROFF ZELDA JOAN 72 PAGNUELO AVE OUTREMONT QUE	B A 3 CA 8064

V

VACHON ALBERT 1025 SHERBROOKE ST W MONTREAL QUE CHUTE A BLONDEAU ONTARIO	D D S 1 BE 0336
VACHON LORENZO RAYMOND 2314 HARVRD AVE MTL 256 ST ANNE ST EASTVIEW ONT	B ENG CIV 4 EL 5380
VAGO JOHN DESIRE 251 MILTON AVE MONTREAL QUE	B ARCH 6 LA 6865
VAICOUSSIS CONSTANTINE 1455 DRUMMOND ST APT 408 MONTREAL QUE 71 ALCAMENOUS ST ATHENS GREECE	LL M 2 LA 7313
VALDMANIS VAIVA MARA 574 ROSLYN AVE WESTMOUNT QUE	B A 1 DE 0712
VALE JOAN HEATHER MACDONALD COLLEGE 900 41ST AVE LACHINE QUE	TCH INT 1
VALENTINE BARRY 1441 UNIVERSITY ST MONTREAL 2 QUE	S T M 2 LA 9577
VALENTINE NORMAN 6308 GODFREY AVE MONTREAL QUE	B ENG 1 EL 1750
VALERIOTE POLLY PILLET 3450 DUROCHER ST APT 3 MONTREAL QUE	B A 4 LA 8573
VALERIOTE RICHARD MARIE 3450 DUROCHER ST APT 3 MONTREAL QUE	MD CM 1 LA 8573
VALERIUS ELIZABETH ANN MCLENNAN HALL 406 MCPHERSON ST BREMEN GEORGIA U S A	MD CM 3 PL 0800
VAN ALLEN TRAER 3285 GOYER RD APT 7 MTL 4761 W 7TH AVE VANCOUVER B C	MD CM 1
VAN ALSTYNE WILLIAM L 3651 DUROCHER ST APT 4 MONTREAL QUE 127 QUEEN ST SARNIA ONT	D D S 1 BE 3885
VAN BUSKIRK BETTE LOU ROYAL VICTORIA COLLEGE 160 YORK ST FREDERICTON N B	B A 3
VANDELMAN HARRY 4579 WILSON AVE MONTREAL QUE	B ARCH 4 EL 4998
VANDEN BERGH RICHARD L WILSON HALL 60 LAWTON BLVD TORONTO ONT	B A 3 UN 6 0247
VANDENBUSSCHE MICHEL J 421 PRINCE ARTHUR ST W MONTREAL QUE FORBES POST OFFICE OTTAWA ONT	B ENG 1
VAN DER BELLEN LIANA 3707 CORONET RD APT 4 MONTREAL QUE	B L S 1
VAN DER FLIER ROBERT W 130 PRINCE ARTHUR ST W MONTREAL QUE	MED DIPL 3 BE 9682
VAN DIEPEN JAN RUTGER MACDONALD COLLEGE 1110 BEAULIEU AVE VILLE ST LAURENT QUE	B SC AGR 3 BY 4486
VAN EYKEN DIRK 465 COTE ST ANTOINE RD WESTMOUNT QUE ALVARES DE AZEVEDO 182 NITEROI EST RIO DE JANEIRO BRAZIL	B ENG PWR 5 WA 8454
VAN GELDER NICO MICHEL 6971 SOMERLED AVE MONTREAL QUE	B SC 2 HU 8 4267

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NAME ADDRESS	COURSE & YEAR TEL. NO.
VAN ROYEN CHARLES P 226 OVERLOOK DR HILLANDALE SILVER SPRING MARYLAND U S A	B ENG MCH 3
VANSTONE WILLIAM EDWARD MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
VAN WART ANNE CAROLYN 26 GRAWVILLE RD HAMPSTEAD QUE	EDUCATION 5 EL 4237
VAN ZAIG EDWARD BENJAMIN 4734 DE LA PELTRIE MONTREAL QUE	B SC 3 AT 7786
VARVERIKOS EMMANUEL D R V H 343 DE L EPEE AVE OUTREMONT QUE	MED DIPL 3 PL 1251
VASILJEVIC MILAN 1450 CRESCENT ST MONTREAL QUE	B COM 3 HA 9400
VASQUEZCRISTINA J 1496 BISHOP ST MONTREAL QUE	B ARCH 1 PL 5601
VASS DEBORAH 4709 THE BOULEVARD WESTMOUNT QUE	B A 4 WA 7325
VASSIADIS ANDREW MACDONALD COLLEGE 3406 NORTHCLIFFE AVE APT 7 MONTREAL QUE	B SC AGR 2
VAVRUSKA GEORGE WILLIAM R V H 456 PINE AVE W MONTREAL QUE	MED DIPL 2
VAZ EDMUND WINSTON 5980 PARK AVE APT 9 MONTREAL QUE	M A 1 CA 0762
VEARY NORMAN ALLAN MACDONALD COLLEGE 23 BEAUDET ST ST LAURENT QUE	B SC AGR 1
VEILLEUX GERTRUDE MARY 54 CARDINAL AVE VILLE ST LAURENT QUE	PHYSIOTH 1 BY 2909
VEITH JUDITH MARGARET 1509 SHERBROOKE ST W APT 48 MONTREAL QUE	B A 3 EL 1352
VELAY CLEMENT C 3475 RIDGEWOOD AVE MTL 1125 FIFTH AVE NEW YORK U S A	M A 1 EX 7644
VELAY FANNY 3475 RIDGEWOOD AVE MONTREAL QUE	PARTIAL EX 7644
VELIE WILLIAM MILNER 3515 DUROCHER AVE APT 61 MONTREAL QUE MARLBORO NEW YORK U S A	MD CM 1 MA 1734
VERED ZEEV 2101 UNIVERSITY ST APT 22 MONTREAL QUE 7 HISSIN ST TELAVIV ISRAEL	B ENG CIV 4 BE 5955
VERHAEGEN ANNE MARIE G F 4763 GROSVENOR AVE MONTREAL QUE	B A 1 WA 9080
VERRIER PATRICIA PAMELA 4160 BENNY AVE MONTREAL 28 QUE	B SC 1 WA 9858
VERRIER WILLIAM LAWRENCE 4160 BENNY AVE APT 25 N D G MONTREAL QUE	B A 2 WA 9858
VERSCHINGEL ROGER H C 2009 MANSFIELD ST APT 52 MONTREAL 2 QUE	PH D 3
VESSOT ROBERT F CHARLES 845 KENILWORTH RD TOWN OF MT ROYAL QUE	M SC 1 AT 0643
VEZINA MAURICE GEORGE 3058 LACOMBE AVE MTL 980 HART ST THREE RIVERS QUE	B ENG 2
VICE EILEEN CATHERINE MACDONALD COLLEGE 22 RAGLAN ST RENFREW ONT	B SC H EC 3
VICKERS DAVID HERBERT 5710 13TH AVE ROSEMOUNT QUE	B SC 2 CH 2709
VIEN RAYMOND GEORGE 17 AINSLIE AVE MONTREAL QUE	B C L 4 CA 7874
VILAGOS JOSEPH 3911 RIVARD ST MONTREAL QUE	B ENG MCH 4 BE 7582
VILLALOBOS ARTURO 3485 MCTAVISH ST MTL HEREDIA COSTA RICA C A	B SC 2 BE 0424
VILLENEUVE GUILLAUME C 6713 HURTEAU ST MONTREAL 20 QUE	B ENG 1 HE 3057
VINCE MARGARET M ANNE R 2330 LINCOLN AVE APT 41 MONTREAL QUE R E FARM RIVER RD WOODSTOCK N B	PARTIAL WI 0243
VINCENT DONALD LESLIE 206 MAIN ST SAINT JOHN N B	PH D 4
VINCENT JOHN JOSEPH 7795 OUTREMONT AVE OUTREMONT QUE	B ENG 2 CA 6264
VINEBERG GORDON HERBERT 873 ROCKLAND AVE OUTREMONT QUE	B COM 4 CR 6066
VINES DONALD ROSS 50 STRATFORD RD HAMPSTEAD QUE	B COM 2 WA 2455
VINES NORMA PHYLLIS 50 STRATFORD RD HAMPSTEAD QUE	B A 3 WA 2455
VIPOND JOHN 14 PARKMAN PLACE WESTMOUNT QUE	B COM 2 DE 4040
VIPOND WILLIAM STANLEY F 14 PARKMAN PLACE WESTMOUNT QUE	MD CM 4 DE 4040
VLAHOS NICHOLAS 3697 NAMUR ST TOWN OF MT ROYAL QUE	B C L 2 AT 7971
VOCISANO ROBERT EUGENE 498 MOUNT PLEASANT AVE WESTMOUNT QUE	B ENG CIV 4 FI 7775
VOGEL ROBERT 4855 ST CATHERINE RD APT 8 MONTREAL QUE	GRAD QUAL 1 EX 6179
VOKEY EDWARD PHILLIP THEOLOGICAL COLLEGE 1028 SIXTH AVE VERDUN QUE	PARTIAL MA 3004 PL 6 3016
VOKEY HARVEY PARFAIT MACDONALD COLLEGE 7133 LASALLE BLVD VERDUN QUE	B SC AGR 2
VOLBERG WESTON FAY JR 3681 HUTCHISON ST APT 34 MONTREAL QUE 2739 ELLSWORTH ST BERKELEY 5 CALIF U S A	MD CM 4 BE 5465

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
VON STAA LUTZ 2038 METCALFE ST MTL CAIXA* POSTAL 399 RIO DE JANEIRO BRAZIL	PL 0813	B ENG 2
VOOL YOLETTE MYRNA MACDONALD COLLEGE 4466 CITY HALL AVE MONTREAL QUE		TCH ELEM 1
VOS PATRICIA LESLIE ROYAL VICTORIA COLLEGE 811 11TH ST SOUTH LETHBRIDGE ALTA	PL 0180	B A 4
VOSBURGH CAROL WENTWORTH 84 SUNNYSIDE AVE WESTMT 36 SHERWOOD RD SHORT HILLS N J U S A	EL 4608	B A 3
VOYATZIS ELIE LOUIS 2060 SHERBROOKE ST W APT 5 MONTREAL QUE 45A AG 1 KAREA ST ATHENS 5 GREECE	WE 7088	B ENG 1
VROOM VICTOR HAROLD 32 UNION BLVD ST LAMBERT QUE	OR 1 7828	B SC 4
VROOMAN JUDITH MARY 499 MT PLEASANT AVE WESTMOUNT QUE	FI 6880	B A 3
VUCKOVIC ARSEN GEORGE C O SACRED HEART HOSP CAUGHNAWAGA QUE		B ENG 2
VUCKOUIC VERA CAUGHWAWACA QUE		B SC 2
VUGLENOVITCH BOZICA MARY MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE		GRAD QUAL 1
VUGLENOVITCH STEPHEN M MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE		PH D 2
VULKOVIC NICOLA 1433 BISHOP ST APT 7 MONTREAL QUE	HA 8832	M A 1
VULPE MICHEL 2089 UNION ST MONTREAL QUE	HA 6337	M SC 1

W

NAME ADDRESS	TEL. NO.	COURSE & YEAR
WACKENHEIM HAROLD W 4730 QUEEN MARY RD APT 14 MONTREAL QUE ATTICA NEW YORK U S A		MD CM 3
WADDELL EDWARD H 3555 UNIVERSITY ST MTL TUSCARAWAS RD BEAVER PA U S A	BE 0310	MD CM 1
WADDELL JAMES GRAHAM 3466 MCTAVISH ST MTL 84 CLIVE ST METUCHEN NEW JERSEY USA	LA 9533	MD CM 2
WADE ANN TERRY ROYAL VICTORIA COLLEGE RT 1 10301 OLD COUNTY PARK RD ORANGE CAL U S A		B A 3
WADEY BERNICE CLAIRE 1839 BAYLE ST MONTREAL 25 QUE	WE 5119	B SC 3
WAGG TIMOTHY JOHN DOUGLAS HALL BROOM COTTAGE STOKE PARK SLOUGH BUCKS ENG		A & S COM 1
WAGNER MONA MACDONALD COLLEGE 5400 QUEEN MARY RD MONTREAL QUE		TCH ELEM 1
WAINBERG ALLAN SANDER 5011 ROSLYN AVE MONTREAL QUE	AT 8642	B SC 1
WAINBERG DANIEL 756 LEXINGTON AVE WESTMOUNT QUE	EL 2410	B ENG 1
WAINBERG LAWRENCE 756 LEXINGTON AVE WESTMOUNT QUE	EL 2410	B COM 2
WAKSBERG ARMAND LUCIEN 8223 QUERBES AVE MONTREAL QUE	VI 3748	B SC 1
WAKSBERG HELENE 8223 QUERBES AVE MONTREAL QUE	VI 3748	GRAD QUAL 1
WALCOT WINIFRED ANNE 65 CURZON ST MONTREAL WEST QUE	DE 2088	B SC 1
WALDER ALEC 2566 DANDURAND ROSEMOUNT QUE		B SC 1
WALDMAN IRWIN 3025 LINTON BLVD APT 12 MONTREAL QUE	AT 3036	B SC P ED 4
WALKE LACEY MACDONALD COLLEGE C O MRS MURIEL EDWARDS RIVER PLANTATION ST ANDREW BARBADOS B W I		AGR DIP 2
WALKER ANDREW GEORGE 83 UPPER EDISON AVE ST LAMBERT QUE	OR 1 6203	B ENG 2
WALKER BRUCE EDWARD 4020 MACKENZIE ST MONTREAL 26 QUE	AT 7777	PH D 2
WALKER BRYAN JOHNSTON 5132 BESSBROUGH AVE N D G MONTREAL QUE	EL 3835	B ENG 1
WALKER DOUGLAS MALCOLM 45 STRATHYRE AVE VILLE LASALLE QUE	NE5 0502J	B ENG CIV 5
WALKER GLEN HARRIS 1300 DECARIE BLVD APT 13 MONTREAL QUE RAYMOND ALBERTA		MD CM 1
WALKER LORNE DAVID 2105 COTE DE LIESSE RD MONTREAL 9 QUE	GR 6921	B ENG 2
WALKER MARIE JOAN 4150 SIR G SIMPSON ST LACHINE QUE	NE5 2312W	B A 4
WALKER WALLACE BRUCE 527 LOGAN ST ST LAMBERT QUE	OR 1 8771	B SC 1
WALKINGTON DOUGLAS H 3489 STANLEY ST APT 302 MONTREAL QUE	EL 7600	B ENG COM 5
WALKOVICH PETER 500 MARLATT AVE VILLE ST LAURENT QUE		B A 1
WALLACE DONALD RAYMOND MACDONALD COLLEGE BOX 574 WATERLOO QUE		GRAD QUAL 1
WALLACE HELEN M MACDONALD COLLEGE R R 4 WOODSLEE ONT		B SC H EC 1
WALLACE LILLIAN E MACDONALD COLLEGE R R 3 NORTH GOWER ONT		B SC H EC 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WALLACE WILLIAM CRAVEN 4083 OXFORD AVE MONTREAL QUE	B A 2 WA 2532
WALLEN VICTOR REID 840 MELWOOD RD OTTAWA ONT	PH D 3
WALLERSTEIN HARVEY 4R29 FULTON ST MONTREAL QUE	PH D 3 AT 9285
WALLER JOHN DELANCEY C 3025 SHERBROOKE ST W APT 33 MONTREAL 25 551 ST GEORGE ST LONDON ONT	M ENG 2 GL 4805
WALMSLEY NORMA ELEANOR 4275 WESTERN AVE APT 2 WESTMOUNT QUE ELM CREEK MANITOBA	M A 2 WI 0400
WALSH ELIN MARIA 570 MILTON ST MONTREAL QUE	B A 4 BE 7602
WALSH MARION LOUISE MRS 675 44TH AVE LACHINE QUE	PARTIAL 3 NE5 4270W
WALSH PETER DESMOND 4007 DORCHESTER ST MTL COTE ST CHARLES RD HUDSON HE GHTS QUE	B C L 1 FI 7244
WALSH SHEILA MARY 776 BEATTY AVE VERDUN QUE	B SC 4 HE 7491
WALSTROM CHARLES JOHN 3A51 UNIVERSITY AVE MTL 1A67 CARLISLE DR SAN MARINO CALIF U S A	MD CM 3 PL 7880
WALTERS ROY MALCOLM WILSON HALL 1101 10TH ST S E CALGARY ALBERTA	B ENG 2
WALTERS VICTOR LLEWELLYN DOUGLAS HALL KING ST HAMILTON BERMUDA	B SC 1
WALTERS WILLIAM CHESLEY LACHINE GENERAL HOSP LACHINE QUE	MD CM 4 NE 5 4250
WALTON JOHN SHEPPARD 3605 UNIVERSITY ST MTL 369 AVE DREAN CHICOUTIMI QUE	B ENG CIV 5 LA 0643
WANG ERIK DOUGLAS HALL 191 DUFFERIN RD HAMPSTEAD QUE	B A 3
WARBURTON FREDERICK EYTON 419 LANSDOWNE AVE MONTREAL 6 QUE 357 10TH ST E OWEN SOUND ONT	B SC 2 GL 1667
WARD GEOFFREY 95 SHERBROOKE AVE LAKESIDE QUE	B ENG EL 3
WARD JEAN LILLIAN 5 ALBION RD HAMPSTEAD QUE	PHYSIOTH 1 WA 3727
WARD JULIAN HARRY B 3647 UNIVERSITY ST MTL DURANTS PLTN CH CH BARBADOS B W I	D D S 3 BE 9568
WARD ROBERT WAKEFIELD DOUGLAS HALL BROOKFIELD CENTRE CONN U S A	B ENG 2 PL 6001
WARE ELINOR 15 HEATH RD MONTREAL QUE	B SC P ED 4 EL 1225
WARK MAUREEN 4346 BEACONSFIELD AVE N D G MONTREAL QUE	MUS QUAL 1 EL 1808
WARNER HUGH ALFRED 419 PRINCE ARTHUR ST W MONTREAL QUE 3R ELLIOTT ROW SAINT JOHN N B	MD CM 2 HA 1088
WARNOCK ALLAN CHARLES 7 ANWOTH RD WESTMOUNT QUE	B SC 1 FI 9475
WARREN ROGER 4371 MAYFAIR AVE MTL POINTE AU PIC CO CHARLEVOIX QUE	B ENG CIV 3 DE 9671
WARREN ROGER WELLINGTON DOUGLAS HALL 35 ROSEDALE RD TORONTO ONT	B COM 2 PL 2840
WARSHAW LEONARD DUNCAN 2698 SOISSONS AVE MONTREAL QUE	B ARCH 4 AT 2307
WASDAHL WALTER ARLING 3587 UNIVERSITY ST MTL L 5 PARK VILLAGE GRAND FORKS N D USA	MD CM 3
WASSERMAN VIVIAN 2R43 WILLOWDALE AVE MONTREAL QUE	B A 2 AT 2235
WATANABE HISAKO 3237 EVELYN ST VERDUN QUE	B SC 1 TR 5127
WATANABE MAMORU 3237 EVELYN ST VERDUN QUE	B SC 3 TR 5127
WATERHOUSE JOHN 2020 METCALFE ST APT 12 MONTREAL QUE	M A 1 LA 2885
WATERS WILLIAM REID DOUGLAS HALL 3318 COLLEGE AVE REGINA SASK	MD CM 2 BE 8835
WATERS WILLIAM ROBERTS HAMSON HOUSE 371 GILMOUR ST OTTAWA ONT	M SC 2
WATERSTON JOHN RAYNES 435 METCALFE AVE WESTMOUNT QUE	B ENG CIV 5 WE 4565
WATKINS NOEL STANLEY 188 RICHELIEU ST ST JOHNS QUE 24 CHARLES ST PORT OF SPAIN TRINIDAD B W I	D D S 2
WATKINS RONALD GEORGE 5643 2ND AVE ROSEMOUNT 78 BROCKVILLE ST SMITHS FALLS ONT	B ENG CH 4 AM 2254
WATSON ADAM ZOOLOGY DEPT MCGILL UNIVERSITY	M SC 1
WATSON BARRAUD JOHN 7 ROOSEVELT AVE TOWN OF MT ROYAL QUE	MD CM 4 RE 3 2832
WATSON CHARLES RICHARD G 3578 SHUTER ST APT 3 MTL HIGHGATE GARDENS ST MICHAELS BARBADOS BWI	B ENG MCH 5 PL 3906
WATSON DAVID REILLY 2256 REGENT AVE MONTREAL QUE	B C L 3 DE 5440
WATSON DELORES ELINOR 3370 BARCLAY AVE APT 8 MONTREAL QUE	TCH ELEM 1 GR 9351

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WATSON DONALD STUART MACDONALD COLLEGE 483 PINE AVE ST LAMBERT QUE	AG AD DIP 1
WATSON HELEN A GILLIAN MACDONALD COLLEGE 2546 ORCHARD AVE VICTORIA B C	B SC H EC 4
WATSON JAMES DOUGLAS WILSON HALL 650 WESTMOUNT RD KITCHENER ONT	B COM 1
WATSON LEILA DOROTHY MACDONALD COLLEGE WELCHES ST MICHAEL BARBADOS B W I	B SC H EC 4
WATSON MARY TREVERBYN 78 ALLARD AVE DORVAL QUE	M S W 2
WATSON PATRICIA ANNE MACDONALD COLLEGE 77 MILDEN HALL RD TORONTO 12 ONT	TCH ELEM 1
WATSON ROBERT ARTHUR J 57 PALMERSTON AVE TOWN OF MT ROYAL QUE	B ENG 1 Ex 5319
WATSON STANLEY HOWARD 2070 LINCOLN AVE MTL HIGHGATE TERRACE ST MICHAEL BARBADOS BWI	MD CM 2 FI 9271
WATSON WILLIAM JAMES PRESBYTERIAN COLLEGE 2 WINTER PLACE ST JOHNS NFLD	B ENG CIV 5 BE 0424
WATSON WILLIAM JOHN 3520 UNIVERSITY ST MONTREAL QUE	M A 1
WATT CLIFFORD ROBB 1441 DRUMMOND ST MTL 224 MANDEVILLE ST ST JAMES WINNIPEG MAN	B L S 1
WATT DONALD EARDLEY 1027 5TH AVENUE VERDUN QUE	B A 4 YO 0733
WATTENBERG JENNY MACDONALD COLLEGE 5267 JEANNE MANCE ST MONTREAL QUE	TCH ELEM 1
WATTS JEAN BRONWEN RUTH MACDONALD COLLEGE 44 WICKSTEED AVE TOWN OF MT ROYAL QUE	TCH INT 2 AT 0560
WATTS JOHN HENRY HOLMAN DIOCESAN COLLEGE ST CHADS COLLEGE REGINA SASK	S T M 1 MA 4902
WATTS TREVOR ALAN 198 EDOUARD LAURIN BLVD MONTREAL QUE 19C DEBARY APTS WINNIPEG MAN	PH D 2 BY 3227
WAUGH DAVID WILLIAM 425 LANSDOWNE AVE WESTMOUNT QUE	B A 1 GL 2438
WAYNE DAVID LOUIS 5925 CLARK ST APT 1 MONTREAL QUE	MD CM 4
WEBB CHARLES ELTON 2053 UNION ST MTL 31 BELVEDERE ST ASBESTOS QUE	B ENG 1 HA 9469
WEBB ELIZABETH MACAW 689 GROSVENOR AVE WESTMOUNT QUE	B SC 3 EL 2055
WEBB HELEN BARBARA 900 CREVIER VILLE ST LAURENT QUE	B A 3 BY 8162
WEBB MICHAEL CAMPBELL 689 GROSVENOR AVE WESTMOUNT QUE	B ENG 1 EL 2055
WEBB PAUL ALBERT 44 WHARF RD HUDSON QUE	B ENG MCH 4
WEBB PAUL PERRY 334 STANSTEAD AVE MONTREAL 16 QUE	B ENG PHY 3 AT 3468
WEBB PETER ARMINE 3434 MCTAVISH AVE MONTREAL QUE	PARTIAL PL 4492
WEBB PHYLLIS JEAN 3615 UNIVERSITY ST MONTREAL QUE	GRAD QUAL 1 BE 0888
WEBSTER ANN WINIFRED MACDONALD COLLEGE R R 8 PICTON ONT	B SC H EC 3
WEBSTER DONALD COURTNEY 3562 HUTCHISON ST MONTREAL QUE	B SC 2
WEBSTER NANCY DALE 988 MONCRIEFF RD TOWN OF MT ROYAL QUE	B A 3 AT 7257
WEBSTER STUART MATHEWS 6645 TERREBONNE AVE APT 19 N D G MTL QUE	B COM 1 WA 8368
WEBSTER THOMAS PETER 988 MONCRIEFF RD TOWN OF MT ROYAL QUE	B ENG 1 AT 7257
WECHSLER MORRIS HERSHELL 244 QUERBES AVE MONTREAL QUE	D D S 2 TA 6992
WEDDERBURN HOBARTSON A J 3595 ST FAMILLE ST MTL 97 OLD HOPE RD LIGUANIA P O JAMAICA B W I	B SC 1 LA 0851
WEDDERBURN ROSEMARY ROYAL VICTORIA COLLEGE 1 MOLYNES RD HALF WAY TREE P O JAMAICA B W I	B A 2 PL 0334
WEEKS WILLIAM ALWYN 612 KENASTON AVE TOWN OF MT ROYAL QUE	B COM 2 AT 5330
WEIGENSBERG BERNARD I 3640 UNIVERSITY ST MTL 6375 MOUNTAIN SIGHTS MONTREAL QUE	PH D 3 AT 0106
WEIHS GERHARD HARRY 472 LAFLEUR AVE VILLE LASALLE QUE	B ENG 1 WA 3564
WEIN HOWARD PHILIP 5256 JEANNE MANCE ST MONTREAL QUE	PARTIAL CA 3879
WEIN LEON 989 PRATT AVE MONTREAL 8 QUE	B COM 4 AT 5498
WEIN MYER 407 MCGILL ST MTL 989 PRATT AVE OUTREMONT QUE	B ARCH 2 HA 8119
WEIN STANLEY EDWARD 5256 JEANNE MANCE ST MONTREAL QUE	B SC 1 CA 3879
WEINER GERALD 731 QUERBES AVE MONTREAL QUE	B A 3 TA 2284

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WEINER MORRIS M 4468 COLONIAL AVE MONTREAL QUE	B C L 3 HA 4944
WEINGARTEN SOLOMON B 812 JEAN TALON WEST MONTREAL QUE	B SC 3 CA 6176
WEINSTEIN STEPHEN WILLIAM 5990 SQUART AVE MTL 169 MILTON ST WATERFORD CONNECTICUT U S A	B SC 2 AT 6842
WEINSTOCK EDITH MARY 5205 DUROCHER AVE APT 11 OUTREMONT QUE	B SC 2 CR 4565
WEINSTOCK JOSEPH 5249 PARK AVE MONTREAL QUE	B SC 2 DO 8307
WEINTHAL ARTHUR MARVIN 2376 MELROSE AVE MONTREAL QUE	B A 4 WA 5948
WEINTRAUB GABRIEL 4593 WILSON AVE MONTREAL QUE	B ENG EL 3 EL 6796
WEINTRAUB RACHEL DUNDI 359 METCALFE AVE WESTMOUNT QUE	B A 3 WI 9870
WEINTRAUB SONIA 359 METCALFE AVE MONTREAL QUE	B A 2 WI 9870
WEIR ROBERT BAKER 56 STRATHCONA AVE OTTAWA ONT	B C L 1
WEISS JOSE 1441 DRUMMOND ST MTL NEPTUNO 311 HABANA CUBA	B ENG MCH 5
WEISS MICHAEL 4844 ST URBAIN ST MONTREAL QUE	D D S 3 VI 1361
WELCH GENE ARMOUR DOUGLAS HALL 215 WALNUT ST BELPRE OHIO U S A	MD CM 1 BE 7741
WELD CAROLINE MARGUERITE R V C 79 CAMBRIDGE ST HALIFAX N S	PHYSIOTH 1
WELDEN GERALD LAWRENCE 4485 SHERBROOKE ST LACHINE QUE	B COM 2 NE5 5423W
WELDON ELSPETH ANNE 1321 SHERBROOKE ST W MONTREAL QUE	B L S 1 LA 9564
WELDON J DIANE 3459 HOLTON AVE MONTREAL QUE	B A 3 FI 9326
WELDON JOHN DALE 7534 WISEMAN AVE MONTREAL 15 QUE	MD CM 3 CA 1068
WELLEN HAZEL MACDONALD COLLEGE 5540 BRADFORD PLACE MONTREAL QUE	TCH ELEM 1
WELLINGTON DONALD C 5127 N D G AVE MONTREAL QUE	B SC 4 EL 0581
WELLS ALBERT FULLER 4500 BARCLAY AVE MONTREAL 26 QUE	B ENG EL 4 EX 2436
WELLS JOHN STEWART MACDONALD COLLEGE 193 RIVERDALE AVE OTTAWA ONT	B SC AGR 2
WELSFORD HUGH WILLIAM 38 RAMESAY RD WESTMOUNT QUE	B SC 2 FI 5561
WELSMAN RUTH ELEANOR 152 VIVIAN AVE MONTREAL 16 QUE	B SC P ED 4 AT 1712
WELTER RENE 4832 WESTERN AVE MONTREAL QUE	B ARCH 4 WI 3994
WELTON PATRICIA ANN 4807 WESTMORE AVE MTL BELMONT HOTEL DARTMOUTH N S	PHYSIOTH 3 WA 8472
WELTON RICHARD FRANKLIN MACDONALD COLLEGE KINGSTON R R 6 KINGS CO N S	B SC AGR 3
WERBIN MYRON 7030 CHAMPAGNEUR AVE MONTREAL QUE	B ENG 1 TA 5143
WERNER HELEN ROYAL VICTORIA COLLEGE 15 ELLSWORTH AVE TORONTO ONT	B A 3
WESTAWAY WILLIAM JOHN 359 MELVILLE AVE WESTMOUNT QUE	B COM 1 WE 3302
WESTBURY IAN WALTER 4564 PATRICIA AVE MONTREAL 28 QUE	B A 1 EL 7855
WESTBURY RONALD ARTHUR 4564 PATRICIA AVE N D G MONTREAL 28 QUE	B SC 3 EL 7855
WESTMAN GILBERT BRAINERD DOUGLAS HALL 138 AIRDRIE RD LEASIDE ONT	MD CM 3 BE 8835
WESTON GRETCHEN ANN ROYAL VICTORIA COLLEGE 4509 SULGRAVE RD WINDSOR FARMS RICHMOND VA U S A	B A 1 MA 0030
WESTON WENDY MARY ROYAL VICTORIA COLLEGE 4509 SULGRAVE RD RICHMOND VA U S A	B A 3 PL 0847
WEVRICK LEONARD 790 ROCKLAND AVE OUTREMONT QUE	B ENG EL 3 CA 6293
WEXLER JACK 7069 CARTIER ST MONTREAL QUE	B ENG MCH 4
WEXLER RAYMOND KENNETH 7069 CARTIER ST MONTREAL QUE	B ENG PHY 3
WHALEY ROBERT LEE PRESBYTERIAN COLLEGE 333 SO CAMDEN DR BEVERLY HILLS CAL U S A	B A 3 MA 0141
WHALLEY PATRICIA WENDY 5025 MACDONALD APT 101 MONTREAL QUE	B A 2 HU 8 4625
WHEATLEY ROBERT EDGAR 3617 LORNE CRESCENT MTL NOKOMIS SASK	MD CM 3
WHEELER LORNE THOMAS 766 ST CLARE RD TOWN OF MT ROYAL QUE	B ENG CIV 3 EX 4506
WHELAN GEORGE EDMUND A 11543 NOTRE DAME ST E POINTE AUX TREMBLES QUE	B C L 4
WHELEN WARREN S 545 PINE AVE W MTL 132 LAWRENCE CRESCENT TORONTO ONT	MD CM 4 MA 1545
WHITAKER GEORGE FRANCIS 127 BALLANTYNE AVE S MONTREAL WEST 28 QUE	B ENG MCH 4 DE 3430

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WHITE ALVA SIDNEY 3614 DECARIE BLVD APT 17 MONTREAL 28 QUE	B ENG CIV 5 EL 9202
WHITE FRANK DAVID 2841 WILLOWDALE AVE MONTREAL QUE	B COM 3 AT 2793
WHITE JOYE ESTHER MACDONALD COLLEGE 849 JOULE ST ARVIDA QUE	TCH ELEM 1
WHITE MURIEL OLIVE MACDONALD COLLEGE R R 1 CAMPBELLCROFT ONT	HANDICRFT 1
WHITE SHEILA MARGARET 2954 HILL PARK CIRCLE MONTREAL QUE	B A 2 FI 0711
WHITEHEAD HOWARD ALLAN 3522 MOUNTAIN ST APT 1A MONTREAL QUE	PH D 3 LA 4385
WHITEHEAD VICTOR MICHAEL 3484 PEEL ST MONTREAL QUE	B SC 2 MA 5533
WHITELAW ROBIN DOUGLAS 15 LAKE AVE STRATHMORE QUE	B ARCH 3 ME 1 1567
WHITEWAY STIRLING G 329 SOMERSET ST E OTTAWA ONT	PH D 4
WHITING ROY KEITH 3630 DUROCHER ST APT 34 MONTREAL QUE CONN STATE HOSPITAL MIDDLETOWN CONN U S A	MD. CM 2
WHITMAN CHARLES LIONEL 3534 MARLOWE AVE N D G MONTREAL QUE	B SC 2 DE 9656
WHITMAN CLYDE SIDNEY 3534 MARLOWE AVE N D G MONTREAL QUE	D D S 1
WHITTALL ROSS BARRY 5235 COTE ST LUC RD N D G MONTREAL QUE	B COM 1 DE 7594
WICANSKY DOUGLAS LEO 4050 ST CATHERINE RD MONTREAL QUE	MED DIPL 2 EX 0291
WICKENDEN HARRIET FRENCH ROYAL VICTORIA COLLEGE 363 ST FRANCOIS XAVIER THREE RIVERS QUE	B F A 3 PL 0526
WICKENS RICHARD HERBERT 130 WOLSELY AVE MONTREAL QUE	B ENG MCH 5 WA 5576
WICKES DAVID ANTHONY B 1320 LOMBARD CRES APT 23 TOWN OF MT ROYAL QUE	B COM 1 AT 7401
WICKES MARTHA BOYD 36 MERTON CRESCENT HAMPSTEAD QUE	B A 1
WICKHAM FRANK FREDERICK 4484 SHERBROOKE ST W WESTMOUNT QUE	B A 4 FI 5167
WIDEMAN JOYCE MILDRED MACDONALD COLLEGE THE GARDEN RD DESCHENES QUE	B SC H EC 1
WIEGAND FREDERICK MARTIN 64 QUEEN ST N KITCHENER ONT	B A 1
WIELHORSKI WLADYSLAW A ROYAL ED LAURENTIAN HOSP MONTREAL QUE	MED DIPL 2 LA 9276
WIESENFELD BARRY JOSEPH 4055 GREY AVE MONTREAL QUE	B A 1 EL 7591
WIESENFELD MARCUS JACOB 4055 GREY AVE MONTREAL QUE	B A 1 EL 7591
WIESENFELD ROSE 4055 GREY AVE MONTREAL QUE	B A 3 EL 7591
WIESTNER ELEANOR LOUISE 5648 JEANNE MANCE MONTREAL QUE	B A 4 CA 3222
WIGHT G EARLE 4698 ROSLYN AVE MONTREAL QUE	B COM 2 DE 4143
WIGHT ROBERT EARLE DOUGLAS HALL 73 PRINCE ST ST JOHN WEST N B	L MUS 2 BE 0977
WIGLE SUSAN CAHILL ROYAL VICTORIA COLLEGE 170 CHEDOKE AVE HAMILTON ONT	B A 2
WILANSKY GRAHAM SAMUEL 5260 HUTCHISON ST MTL 7 LESLIE ST ST JOHNS NFLD	B COM 2 DO 8600
WILCHESKY ISAAC LEONARD 4132A CLARK ST MONTREAL QUE	B SC 3 PL 6593
WILD DONALD HERBERT 2080 ELMHURST AVE MONTREAL QUE	B A 3 EL 1828
WILD ROBERT CYRIL EDWIN 3473 UNIVERSITY ST MTL 3891 LINTON AVE APT 6 MONTREAL QUE	B D 2 MA 4902
WILDE VALERIE 6 PARK PLACE WESTMOUNT QUE	B F A 4 WE 3411
WILDER FRANCIS JOHN C 3489 DUROCHER ST MTL 185 GERRY RD CHESTNUT HILL MASS USA	B ENG COM 5 BE 4760
WILDING JAMES HESKETH MACDONALD COLLEGE HIGH FELL ALLITHWAITE GRANGE OVER SALDS LANCS ENGLAND	B SC AGR 3
WILESMITH SUSAN NINA L MACDONALD COLLEGE MALVERN HOUSE LEIGH NR WORCESTER ENGLAND	AGR DIP 2
WILGRESS DIANA SONIA MACDONALD COLLEGE 371 MARIPOSA AVE ROCKCLIFFE PARK OTTAWA ONT	HOMEMAKER 1
WILK ESTELLE 5 ALEPIN AVE VILLE LASALLE QUE 104 TRAGINA SOUTH HAMILTON ONT	PARTIAL
WILKERSON JACK WINFIELD 3512 SHUTER ST MTL 91 SHADY OAK DR ASHEVILLE N CAROLINA USA	MD CM 4 BE 0437
WILKES JOHN BOYD 36 MERTON CRESCENT HAMPSTEAD QUE	B ENG CIV 3 EL 0883
WILKINS AURIOL L 26 HOLTON AVE WESTMOUNT QUE	B A 1 WI 6070
WILKINS PETER ANTHONY 145 48TH AVENUE LACHINE QUE	B ENG 1 NE5 2993M
WILKINSON KENNETH ERIC 218 NEPTUNE BLVD STRATHMORE QUE	B ENG CH 4 ME 1 3959

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WILLIAMS A L MURRAY 3282 CEDAR AVE WESTMOUNT QUE	B C L 1 FI 7755
WILLIAMS AUDREY JOAN 645 ST CATHERINE RD MONTREAL QUE	B SC 4 AT 0467
WILLIAMS BERT EYRE 421 PRINCE ARTHUR ST W MONTREAL QUE BRIGHTON BLACK ROCK ST MICHAL BARBADOS BWI	B ENG CH 3 HA 1503
WILLIAMS DONALD ALBERT 434 MERCILLE AVE ST LAMBERT QUE	B COM 4 OR 1 7818
WILLIAMS DOUGLAS JULIAN 3440 SHUTER ST APT 47 MONTREAL QUE	M A 1 HA 9764
WILLIAMS EWART 645 ST CATHERINE RD MONTREAL QUE	B C L 4 AT 0467
WILLIAMS HARRY ST CLAIR 3507 UNIVERSITY ST MONTREAL QUE	B SC 2
WILLIAMS HOWE BRUCE PRESBYTERIAN COLLEGE 300 MARSH ST NEW GLASGOW N S	MD CM 2 MA 0141
WILLIAMS PETER MILES 570 MILTON ST APT 24 MONTREAL QUE	B COM 3 MA 7419
WILLIAMS RANDEL MERRISON 357 PRINCE ALBERT AVE WESTMOUNT QUE 244 WELLINGTON ST SARNIA ONT	D D S 2 EL 0717
WILLIAMS RICHARD JOHN MACDONALD COLLEGE 1175 CLEMENCEAU AVE MONTREAL 19 QUE	TCH INT 1 TR 6349
WILLIAMS ROBERT ALTEN 3 KINDERSLEY MONTREAL QUE	B COM 3 AT 3639
WILLIAMS ROSCOE CHARLES 21 SOURCE RD STRATHMORE QUE	M SC 2 ME1 1185
WILLIAMS RUTH SADIE R V C BECKWITH ST CARLETON PLACE ONT	B SC P ED 2
WILLIAMS THOMAS MAYHEW 3282 CEDAR AVE WESTMOUNT 6 QUE	B ENG 1 FI 7755
WILLIAMS WILSON CHARLES 3608 OXENDEN AVE MTL FROME P O JAMAICA B W I	MD CM 1 PL 1305
WILLIAMSON DOROTHY P MACDONALD COLLEGE 293 MANNING AVE VERDUN QUE	TCH ELEM 1
WILLIAMSON FRANCIS JAMES 2119 BLEURY ST MTL 52A HALF WAY TREE RD HALF WAY TREE P O JAMAICA B W I	B COM 4 HA 7624
WILLIAMSON ROBERT BARNES 4 KILLARNEY GARDENS POINTE CLAIRE QUE	B ENG EL 3
WILLIS GEORGE C MONTREAL GENERAL HOSP 6755 COTE ST LUC RD APT 4 MONTREAL QUE	MED DIPL 2 PL 7751
WILLIS JACKSON NORMAN 589 UNION AVE WINNIPEG MANITOBA	M S W 1
WILLISON ROBERT CHARLES MACDONALD COLLEGE 81 GLEN RIDGE AVE ST CATHARINES ONT	B SC AGR 3
WILLMOTT WILLIAM EDWARD 4561 ESPLANADE AVE MONTREAL QUE	B A 4 HA 0102
WILLOUGHBY HENRY WELLS 3620 OXENDEN AVE MTL 265 WILLIAM ST PEMBROKE ONT	PH D 3 LA 3566
WILMOT FREDERICK GRAHAM 3654 OXENDEN AVE APT 14 MONTREAL QUE	B COM 3 MA 4321
WILSEY ETHEL CECILIA 1471 FORT ST APT 10 MTL WINDSOR MILLS QUE	GR N CERT 1 WE 3127
WILSON ANDREA EDDELINE 3515 DUROCHER ST MONTREAL 18 QUE	B A 2 HA 3093
WILSON CHARLES DONALD 4645 GRAND BLVD APT 7 N D G MONTREAL QUE	B ENG MCH 3 WA 3794
WILSON DAVID CROCKER 24 KENASTON AVE MTL 6 LYNDHURST PL LONDON ONT	B ENG CH 3 AT 9691
WILSON DIANE RAY 110 TRENTON AVE MONTREAL QUE	B COM 2 AT 8593
WILSON DONALD 3610 LORNE CRESCENT MONTREAL QUE	MD CM 1 PL 8108
WILSON DOUGLAS GORDON 138 VIVIAN AVE TOWN OF MT ROYAL QUE	B COM AT 3212
WILSON ELIZABETH MACOUN MACDONALD COLLEGE 1 MAPLE LANE OTTAWA ONT	B SC H EC 2
WILSON ELWOOD LAIRD 3880 BENNY AVE APT 13 MONTREAL QUE	PARTIAL WA 3325
WILSON JOAN ANITA 110 TRENTON AVE TOWN OF MT ROYAL QUE	B COM 2 AT 8593
WILSON LOIS VIRGINIA 5621 WOODBURY AVE MONTREAL QUE	B A 1
WILSON MURRAY CAMPBELL 7420 MAYNARD AVE TOWN OF MT ROYAL QUE	B SC 4 EX 4931
WILSON RODERIC LEITH 4386 BOYER ST MTL 9 HIAWATHA ST ST THOMAS ONT	M SC 1 FA 1874
WILSON ROLLA ELLA 3597 JEANNE MANCE ST APT 3 MONTREAL QUE RED BANK NORTHUMBERLAND CO N B	MD CM 4 MA 5537
WILSON SANDRA D 3303 CEDAR AVE WESTMOUNT QUE	B SC 1 WI 6359
WILSON WILLIAM EVERTON JEWISH GENERAL HOSP 5643 QUEEN MARY RD HAMPSTEAD QUE	MD CM 4 AT 1131
WINE JOSEPH RAYMOND JR 3445 RIDGEWOOD AVE MTL 1325 9TH AVE HELENA MONTANA USA	LL M 1
WINN BARBARA LOIS MACDONALD COLLEGE 757 UPP BELMONT AVE WESTMOUNT QUE	TCH KIND 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WINSER WILLIAM PATRICK WILSON HALL 9 REDINGTON RD LONDON N W 3 ENGLAND	B ENG 1 UN 6 0169
WINSHIP RALPH DAVID 425 MOUNT STEPHEN AVE WESTMOUNT QUE	B ENG MCH 4 GL 2196
WINSTON MILTON 4620 GRAND BLVD N D G MONTREAL QUE	B C L 2 WA 1628
WINTER KARL ANGEVINE MACDONALD COLLEGE ROUND HILL N S	B SC AGR 4
WINTER RICHARD ARTHUR 3511 UNIVERSITY ST MTL 18 BLUEBELL RD WORCESTER MASS U S A	B ENG 1 MA 7527
WINTHROP SELMA CECILIA 4181 HINGSTON AVE MONTREAL QUE	M S W 2 EL 2992
WIPPER HARRY ROBINSON 3429 PEEL ST MTL 371 QUEENSTON ST ST CATHERINES ONT	B SC 3 PL 7385
WIRTH AUDREY CATHERINE 4175 BEACONSFIELD AVE MONTREAL QUE	M S W 1 EL 9426
WIRTH JEANNE MARIE 1583 PINE AVE MTL 74 WEST FRONT ST RED BANK NEW JERSEY USA	L MUS 1 WE 0330
WISEMAN NAN MACDONALD COLLEGE 769 BLOOMFIELD AVE MONTREAL QUE	TCH ELEM 1
WISEMAN SYLVIA 3295 RIDGEWOOD AV APT 18 MONTREAL QUE	PH D 5 EX 4826
WISNIEWSKI IRENA ROMANA ROYAL VICTORIA COLLEGE 2725 MARIE LE NEUF THREE RIVERS QUE	B A 1
WISSE LEONARD HERSCHEL 5650 COTE ST LUC RD APT 23 MONTREAL QUE	PARTIAL WA 1045
WITKOV BARBARA DEENA R 3498 WILSON AVE MONTREAL QUE	B A 4 WA 2821
WITTKOWER ANDREW 363 CLARKE AVE WESTMOUNT QUE	B SC 2 WE 8166
WLOCHOWICZ ROMEO 2915 DAOUST ST MONTREAL QUE	B ENG 1
WOJCIECHOWSKI CEZARY L 3220 BARCLAY AVE APT 3 MONTREAL QUE	B ENG 1 AT 1530
WOJCIK HENRY 5725 ESPLANADE AVE MONTREAL QUE	B COM 4 GR 6261
WOLCZECKI WALTER 1446 FULLUM ST MONTREAL QUE	B ENG 1 CH 6554
WOLFE HARVEY 1941 CLINTON AVE MONTREAL QUE	B ENG 1 RE 3 3775
WOLFE IRVING 4872 JEAN BRILLANT AVE MONTREAL 26 QUE	B A 2 EX 5418
WOLFE LORA ANN 4580 MILLER AVE MONTREAL QUE	B A 1 AT 8477
WOLFE PAUL 5526 MOUNTAIN SIGHTS AVE MONTREAL QUE	B COM 2 AT 2315
WOLFOND MELVYN 3430 MCTAVISH ST MTL 35 TYRAKATHLENE ST GUELPH ONT	B ARCH 3 HA 8373
WOLOFSKY JACOB PETER 4163 ESPLANADE AVE MONTREAL 18 QUE	B ENG MCH 5 BE 3859
WOLOFSKY JUDAH LYON 4163 ESPLANADE AVE MONTREAL QUE	B A 2 BE 3859
WOLOZ ROBERTA 43 PAGNUELO AVE MONTREAL QUE	B A 2 DO 3670
WONG BERNICE GERTRUDE ROYAL VICTORIA COLLEGE 17 GROVE AVE OTTAWA ONT	B A 1 PL 0334
WONG MARILYN ANN ROYAL VICTORIA COLLEGE 94 SADDLE RDMARAVAL PORT OF SPAIN TRINIDAD B W I	B A 4 PL 0334
WONHAM WALTER MURRAY 28 THORNHILL AVE WESTMOUNT QUE	B ENG 2 WI 8016
WOO BARBARA MOIRA MACDONALD COLLEGE 3910 LINTON AVE APT 7 MONTREAL QUE	TCH ELEM 1
WOO FRANK HOTUNG 1323 TORRANCE ST MONTREAL QUE	B ENG 2 UN 6 5269
WOOD DAVID HARRY 637 ROSLYN AVE WESTMOUNT QUE	B C L 3 EL 6295
WOOD DONALD HAMISH 90 54TH AVE LACHINE QUE	B ENG MCH 4 NE5 1201J
WOOD DONALD OSBORNE 5849 CLANRANALD AVE N D G MONTREAL QUE	B COM 1 RE 3 3224
WOOD GORDON KENDALL 3591 UNIVERSITY ST APT 5 MONTREAL QUE 513 SANTA FE AVE ALBANY 6 CALIF U S A	MD CM 4 LA 9533
WOOD JOHN CHARLES T 2625 DE BEAURIVAGE ST MONTREAL QUE	PH D 3 TU 6710
WOOD RAY MARSHALL JR DOUGLAS HALL 2626 HILLEGASS AVE BERKELEY CALIF U S A	MD CM 3
WOOD THOMAS LAWRENCE 3434 MCTAVISH ST MTL MONTEBELLO QUE	B SC 2 PL 4494
WOOD WALTER KENNETH WILSON HALL 306 RADFORD RD HYJON GREEN NOTTINGHAM ENG	B A 2 UN 6 0286
WOODARD MARJORIE E 1455 DRUMMOND ST APT 519 MONTREAL QUE BOX 113 BEEBE QUE	L MUS 2 HA 6432
WOODFINE WILLIAM JOSEPH 4572 DRAPER ST MONTREAL QUE	M A 2 WA 8036
WOODHOUSE BARBARA JOAN MACDONALD COLLEGE 5701 MCLYNN AVE MONTREAL 29 QUE	TCH KIND 1
WOODLEY MONTAGUE ARTHUR MACDONALD COLLEGE 110 ST GERMAIN AVE VILLE ST LAURENT QUE	B SC AGR 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WOODLEY PAGE FRANK A 1265 GOHIER VILLE ST LAURENT QUE	B A 2 BY 6127
WOODMAN BYRON HUGH 14 HILLCREST AVE LAKESIDE QUE	B ENG 2
WOODMAN GRACE MARIE 3425 STANLEY ST APT 302 MONTREAL QUE 490 MARTIN ST E PEMBROKE ONT	GR N CERT 1 LA 2639
WOODS BARBARA HENDERSON MACDONALD COLLEGE 4151 HINGSTON AVE MONTREAL 28 QUE	B SC H EC 2
WOODS CECIL STEWART 1441 DRUMMOND ST MTL 116 MINTO ST APT 2 SUDBURY ONT	B SC P ED 4 MA 4171
WOODWARD CAROLYN ELAINE MACDONALD COLLEGE 1 WILFRED ST VALLEYFIELD QUE	TCH INT 2
WOODWARD DONALD BURTON 7 ELLERDALE RD HAMPSTEAD QUE	B COM 3 DE 3832
WOODWORTH WARREN P 11 LORRAINE AVE WESTMOUNT QUE	B COM 3 EL 7131
WOOLVERTON RALPH SOLON 1950 ST LUKE ST APT 2 MONTREAL QUE	PH D 4 WI 6015
WORBY EARLE WILSON 4946 TRENHOLME AVE MONTREAL QUE	M A 2 HU 8 3489
WORKMAN DAVID LEE 144 DUFFERIN RD HAMPSTEAD QUE	B A 4 HU 8 4406
WORKMAN GAIL FLORA 3754 KENT AVE MONTREAL 26 QUE	B A 1 AT 2323
WORSLEY MICHAEL 5721 NORTHMOUNT AVE MTL ROCKY MOUNTAIN HOUSE ALBERTA	PH D 1 AT 2288
WORTHY ELIZABETH J 4868 COTE DES NEIGES RD APT 6 MONTREAL QUE 17 EASTERN DRIVE GRASSENDALE LIVERPOOL ENGLAND	GR N CERT 1 AT 6026
WOWK ZENON BOHDAN 552 ASH AVE MTL R R 2 WEST HILL ONTARIO	B ENG EL 4 WE 4192
WOYTIUK LEO VICTOR 4262 WESTHILL AVE N D G MONTREAL QUE	B SC 4 WA 9194
WRIGHT ARCHIBALD NELSON 64 HILLCREST AVE MONTREAL WEST QUE	B SC 4 DE 9277
WRIGHT EARLE STANLEY 3506 UNIVERSITY ST MTL SOUTHFIELD JAMAICA B W	B SC 3
WRIGHT EVELYN ELIZABETH ROYAL VICTORIA COLLEGE BOX 649 GANANOQUE ONT	B A 2 MA 0120
WRIGHT GLORIA ESTHER ROYAL VICTORIA COLLEGE 40 EAST CORNING ST BEVERLY MASS U S A	B A 2
WRIGHT GRAHAM 110 DUFFERIN RD MONTREAL QUE	B COM 1 EL 2877
WRIGHT JAMES PHILIP 1433 BISHOP ST APT 10 MONTREAL R R 3 BOX 180 MONCTON N B	B COM 1 LA 8924
WRIGHT KENNETH HARFIELD 5152 WESTBURY AVE MONTREAL QUE	B COM 2 WA 2016
WRIGHT LEEBERT AUGUSTUS 51 ST PETERS ST STE ANNE DE BELLEVUE QUE ST PAULS JAMAICA B W I	B SC AGR 2
WRIGHT MARJORIE ANNE 669 LEDUC ST VILLE ST LAURENT QUE	TCH INT 1 BY 4094
WRIGHT NANCY ROBIN 477 VICTORIA AVE WESTMOUNT QUE	B SC 2 GL 2588
WRIGHT OUIDA MARINA MACDONALD COLLEGE LAWRENCE TAVERN JAMAICA B W I	TCH INT 1
WRIGHT RICHARD HERBERT 5150 DECARIE BLVD MONTREAL QUE	B ENG CIV 4 EL 4177
WRIGHT RICHARD PALMER 632 BELMONT AVE MTL 90 HUDSON DRIVE TORONTO ONT	B COM 1 EL 3401
WRIGHT ROBERT LEWIS 5637 16TH AVE ROSEMOUNT QUE	B ENG 2 TU 8256
WRIGHT WILLIAM GEORGE 16 CAMBRAI AVE OUTREMONT QUE	B ENG 2 AT 0177
WU ANGELINA ROYAL VICTORIA COLLEGE 230 FA YUEN ST KOWLOON HONG KONG CHINA	B COM 3
WU OTTO TSUNG SUNG 3561 HUTCHISON ST MTL 230 FA YUEN ST KOWLOOU HONG KONG	B ENG 2
WULLNER RONALD 346 HAWTHORNE AVE LONGUEUIL QUE	B ARCH 2 OR 4 4148
WYNANDS JOHN EARL 4594 PATRICIA AVE MONTREAL QUE	MD CM 3 DE 9189
WYNNYCKYJ JOHN R 3415 HUTCHISON ST MONTREAL QUE	B ENG 2 BE 9869
WYSE DEREK MALCOLM 4201 DECARIE BLVD MONTREAL QUE	MED DIPL 4 WA 8047

Y

YABLON ISIDORE 839 DOLLARD AVE OUTREMONT QUE	B SC 3 GR 1712
YAMASHITA BRUCE HARUO 629 PRINCE ARTHUR ST W MONTREAL QUE	B ENG MCH 5 MA 0739
YAMASHITA DAVID KIYOSHI 629 PRINCE ARTHUR ST W MONTREAL QUE	B COM 4 MA 0739

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YAMPOLSKY FAIGIE PHYLLIS 700 CHAMPAGNEUR OUTREMONT QUE	B A 1 GR 1509
YANO GEORGE EICHI 4910 SHERBROOKE ST W MTL 64 DUFFERIN AVE BRANTFORD ONT	M ENG 1 WA 5264
YANOFSKY ARTHUR ALEX 1582 LAJOIE AVE MONTREAL QUE	B C L 3 TA 6781
YAPP RUSSELL KEITH 2955 GRAHAM BLVD TOWN OF MT ROYAL QUE	B ARCH 3 AT 3230
YARMOSHUK NICHOLAS 7476 OUTREMONT AVE MONTREAL QUE	B ENG EL 3 CA 9120
YAROSKY HARVEY WILLIAM 61 BAGG AVE MONTREAL 8 QUE	B A 2 HA 4874
YASUNAKA TERRY TSUYOSHI 2960 DE BEAURIVAGE ST LONGUE POINTE MTL QUE	B ENG 1 TU 7779
YATES RONALD WILLIAM 5692 15TH AVE ROSEMOUNT QUE	B SC 2 GI 1971
YELLIN ALEC 5723 TRANS ISLAND AVE MONTREAL QUE	B COM 4 AT 0370
YELLIN ESTHER 5247 PONSARD AVE MONTREAL QUE	B SC 1 EL 0523
YETMAN GORDON KENNETH 1020 CREVIER ST VILLE ST LAURENT QUE	B ENG MCH 4 BY 8480
YETNIKOFF STANLEY 2932 SOISSONS AVE MONTREAL 26 QUE	B COM 3
YOUNG ARDATH CHARLOTTE 456 PINE AVE W APT 28 MONTREAL QUE 9 WEBSTER COURT KENTVILLE N S	B N 1 LA 9762
YOUNG BARBARA JANET MACDONALD COLLEGE 4611 HARVARD AVE N D G MONTREAL 28 QUE	TCH INT 2
YOUNG CONSTANCE MARY 4611 HARVARD AVE MONTREAL QUE	B A 4 EL 1998
YOUNG FRANK ALFRED 3511 HUTCHISON ST MTL 36 VAN KLEECK RD MILLIS MASS U S A	MD CM 4 BE 8121
YOUNG JANICE MARGARET 38 FORDEN CRESCENT MONTREAL QUE	B A 3 DE 0575
YOUNG KATHERINE E 4378 WESTERN AVE WESTMOUNT QUE	B A 1 WI 0641
YOUNG MARILYN DIANE 149 GREGOIRE ST ST JOHNS QUE	B SC 3
YOUNG ROBERT CHARLES 4594 DECARIE BLVD MTL 4612 CONCORD AVE GREAT NECK N Y USA	M SC 1 EL 4714
YOUNG STANLEY WALTER 3174 RUSHBROOKE ST VERDUN QUE	B ENG 2 WE 6641
YOUNG WILLIAM LEE 3686 DUROCHER ST MONTREAL QUE	PH D 3 MA 8982
YUDCOVITCH HENRY REUBEN 4227 ST URBAIN ST MONTREAL QUE	B ARCH 3 BE 9807
YUDIN MURRAY 5820 CLANRANALD AVE MONTREAL QUE	B COM 2 EX 9918
YURACK JOSEPH A UNITED THEOLOGICAL COLL 323 4TH ST TROY NEW YORK U S A	GRAD QUAL 1 BE 0752
YUR ECHEK GERALD VYN 1455 DRUMMOND ST APT 416 MONTREAL QUE	PARTIAL MA 2793

Z

NAME ADDRESS	COURSE & YEAR TEL. NO.
ZABORSKA EWA 3436 MELROSE AVE MONTREAL QUE	B SC 2 HU 8 5145
ZABORSKI JERZY 3436 MELROSE AVE MONTREAL 28 QUE	B A 4 HU 8 5145
ZACHARIN DAVID 1595 DUCHARME AVE MONTREAL QUE	D D S 4 TA 8967
ZACK BADANNA BERNICE 667 QUERBES AVE OUTREMONT QUE	B ARCH 2 CA 9865
ZACKON SHEINDEL HARRIET MACDONALD COLLEGE 3826 HARVARD AVE N D G MONTREAL QUE	HOMEMAKER 1
ZAHARIA WILLIAM 1 ROSEMOUNT AVE APT 65 MONTREAL BUCHANAS SASK	B SC 3
ZAKAIB LORNE JOHN 7419 ST HUBERT ST MONTREAL QUE	B ENG 2 CR 0064
ZALTER LEONARD SAMUEL 5965 MACDONALD AVE MONTREAL QUE	B COM 1 EX 8519
ZAMBON FREDERICK ERCOLE 1055 BLAIR AVE MONTREAL QUE	B ENG CIV 5 GR 2629
ZAMES GEORGE 3000 MAPLEWOOD AVE APT 7 MONTREAL QUE	B ENG PHY 4 EX 7766
ZARITSKY ZELDA 1311 MT ROYAL BLVD W OUTREMONT QUE	B SC 1 CR 2725
ZAVADELL WALTER 1582 DE BULLION ST MONTREAL QUE	B ENG 2
ZELEZNIK CARTER 484 PRINCE ARTHUR ST MONTREAL QUE 1226 WHITTIER ST GROSSE POINTE MICH USA	M A 1
ZELIKOVITZ SHEILA ROYAL VICTORIA COLLEGE 368 STEWART ST OTTAWA ONT	B A 2 PL 0477
ZELKO JOHN MARTIN 1441 DRUMMOND ST MTL 112 GAUTIER ST JOHNSTOWN PA U S A	MD CM 1
ZELLER ALAN WILSON 1114 ELGIN TERRACE MTL 15 BROOKSIDE DR PLANDOME L I NEW YORK	MD CM 2 PL 4390

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ZELMAN EDITH MACDONALD COLLEGE 1925 CLINTON AVE MONTREAL 8 QUE	TCH ELEM 1
ZEMEL REUBEN 430 OUTREMONT AVE OUTREMONT MONTREAL QUE	M SC 1 CA 7588
ZEMEL THOMAS 466 OUTREMONT AVE OUTREMONT QUE	B COM 2 CA 7919
ZIEMELIS VALDIS 4175 RIDGEVALE AVE APT 8 MONTREAL QUE	M ENG 1 EX 0212
ZIENER ELIZABETH 20 MAPLE ST STE ANNE DE BELLEVUE QUE FAB LA ALPINA TIZAPAN VILLA OBREGON MEXICO D F	HANDICRFT 1
ZIENINS RAYMOND HENRY 3767 HOCHELAGA ST MONTREAL QUE	B SC 1 TU 8063
ZIMMERMAN HERMAN 383 EDWARD CHARLES ST MONTREAL QUE	B ENG EL 4 TA 7750
ZITNER NATHAN 2475 VAN HORNE AVE OUTREMONT QUE	B COM 4 WE 2415
ZUCKERMAN CARMEN 575 WISEMAN AVE OUTREMONT QUE	B SC 4 DO 8875
ZUK LUBOMYRA MARIA 3430 CITY HALL AVE MONTREAL QUE	L MUS 3 HA 1549
ZUK MICHAEL 3881 CITY HALL AVE MONTREAL QUE	B D 2 LA 3328
ZUK RADOSLAV 3430 CITY HALL AVE MONTREAL QUE	B ARCH 3 HA 1549
ZULLIG VRENI MARIA 4017 VENDOME AVE MONTREAL QUE	B SC 1 EL 6958
ZULON THOMAS ALBERT WILSON HALL 124 WALKER ST CAMBRIDGE MASS U S A	B SC 4 LA 0878
ZURAW MYER 4561 PARK AVE APT 5 MONTREAL QUE	B COM 2 PL 6875
ZYSKIND GEORGE 4596 MICHEL BIBAUD MONTREAL QUE	B SC 4 AT 5638

NOT FOR GENERAL CIRCULATION

DATE DUE

DUE	RETURNED
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MAY 23 1974	MAY 17 1974
JUN 27 1974	JUN 13 1974

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